ANNUAL SUMMARY OF THE COMMERCIAL SALMON FISHERY AND A REPORT ON SALMON SUBSISTENCE AND PERSONAL USE FISHERIES FOR THE ALASKA PENINSULA AND ALEUTIAN ISLANDS MANAGEMENT AREAS, 1995

By

Arnold R. Shaul
and
Robert S. Berceli

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AUTHORS

Arnold R. Shaul is the Alaska Peninsula and Aleutian Islands Management Areas Salmon Management Biologist for Region IV, Alaska Department of Fish and Game, Commercial Fisheries Management and Development Division, 211 Mission Road, Kodiak, Alaska, 99615.

Robert S. Berceli is an Assistant Area Management Biologist for salmon in the Alaska Peninsula and Aleutian Islands Management Areas, Region IV, Alaska Department of Fish and Game, Commercial Fisheries Management and Development Division, 211 Mission Road, Kodiak, Alaska, 99615.

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ALASKA PENINSULA, ALEUTIAN ISLANDS, AND ATKA-AMLIA SALMON

Summary

The Alaska Peninsula, Aleutian Islands, and Atka-Amlia Management Areas are collectively referred to as Management Areas M & F and are divided into four subareas: (1) the North Peninsula, consisting of Bering Sea waters extending west from Cape Menshikof to Cape Sarichef on Unimak Island; (2) the South Peninsula, consisting of Pacific Ocean coastal waters extending west of Kupreanof Point to Scotch Cap on Unimak Island; (3) the Aleutian Islands, consisting of the Bering Sea and Pacific Ocean waters of the Aleutian Islands west of Unimak Island and exclusive of the Atka-Amlia Management Area; and (4) the Atka-Amlia Management Area, also known as Area F, consisting of Bering Sea and Pacific Ocean waters extending west of Seguam Pass (172°50' W. long.) and east of Atka Pass (175°23' W. long.), (Figures 1-4). Five species of Pacific salmon are harvested in the Alaska Peninsula Management Area: chinook salmon *Oncorhynchus tshawytscha*, sockeye salmon *O. nerka*, chum salmon *O. keta*, pink salmon *O. gorbuscha*, and coho salmon *O. kisutch*.

The Alaska Department of Fish and Game (ADF&G) Dutch Harbor office assists with the Aleutian Islands and Atka-Amlia Islands Management Areas salmon responsibilities. There are three ADF&G offices in the Alaska Peninsula Management Area: Sand Point, Cold Bay, and Port Moller. In 1990, Sand Point staff assumed responsibility for managing salmon in the Southeastern District. In 1992, Port Moller staff assumed responsibility for managing salmon in the Herendeen-Moller Bay, Bear River, Three Hills, and Ilnik Sections. The balance of the Alaska Peninsula and Aleutian Islands Management Areas salmon fisheries are managed by staff from Cold Bay. Port Moller also serves as the Alaska Peninsula salmon research center.

In 1995, as an aid in producing the annual salmon report, the Alaska Peninsula, Aleutian Islands, and Atka-Amlia Management Areas were divided into four regions of reporting responsibility. This report (RIR 4K97-1) will serve as the salmon subsistence and personnel use report for the Alaska Peninsula, Aleutian Islands, and Atka-Amlia Management Areas and a summary of commercial catches and escapements for the following reports: 1) North Alaska Peninsula Commercial Salmon Annual Management Report, 1995 by Robert Murphy, Arnie Shaul, and Robert Berceli (RIR 4K96-46), 2) South Alaska Peninsula Commercial Salmon Annual Management Report, 1995 by Rodney Campbell, Arnie Shaul, and Robert Berceli (*In press*), and 3) Aleutian Islands Management Area Annual Salmon Management Report, 1995 by Patrick Holmes and Arnie Shaul (RIR 4K96-45). Appendices of this report contain reference information (Appendix A), harvest information (Appendix B), subsistence information (Appendix C), escapement information (Appendix D), regulations (Appendix E), method for estimating indexed total escapement (Appendix F), personnel list (Appendix G), and a distribution list (Appendix H). A separate report (RIR 4K96-36) by Patricia Nelson and Robert Murphy provides estimated catch and escapement age, sex, and length data.

For those with statistical maps or an electronic database of the Alaska Peninsula, Aleutian Islands, and Atka-Amlia Management Areas, a list of statistical numbers that apply to the 1970-95 fisheries are in Appendix A.1.

In addition to CFEC Area M purse seine, drift gillnet, and set gillnet permit holders fishing the waters of the Alaska Peninsula - Aleutian Islands, and CFEC Area F (Atka-Amlia) set gillnet fishers, CFEC Area T (Bristol Bay) drift gillnet and set gillnet fishers may operate during specific times and in specific places within Area M (Appendix E.1).

The Alaska Board of Fisheries (BOF), during the November 1991 meeting, created an experimental open-to-entry set gillnet salmon fishery around Atka and Amlia Islands. In addition to the set gillnet gear, fishers with CFEC Area M purse seine permits may seine for salmon in the Atka-Amlia Islands Area.

During the open season, January through June, Area T salmon fishers are allowed fish in the Inner Port Heiden and Cinder River Sections. During August through December, Area T fishermen may commercially fish in the Inner Port Heiden and Cinder River Sections, and Ilnik Lagoon.

Salmon fisheries in the Alaska Peninsula Management Area date back to at least 1888 when canneries were reportedly constructed in the South Peninsula at Orzinski (Orzenoi) Bay and Thin Point Cove. However, the earliest catch records for the Alaska Peninsula Area date back to 1906 (Figures 6-10; Appendix B.1). The first recorded Aleutian Islands Management Area commercial salmon catches were in 1911. Early catches in the Alaska Peninsula were predominantly sockeye salmon with a few chinook and coho salmon. The first year in which either pink and chum salmon catches exceeded 500,000 was 1916.

Fisheries which are managed on the basis of salmon which originated from other areas include the South Unimak (False Pass) June fishery, the Shumagin Islands June fishery, and most of the Southeastern District Mainland (Balboa-Stepovak or Stepovak) fishery. The South Unimak and Shumagin Islands June fisheries each have sockeye guideline harvest levels based on the Bristol Bay sockeye forecast. The Southeastern District Mainland is managed on the basis of the Chignik sockeye run (Appendix E.1).

The 1985-94 average salmon harvest in the Alaska Peninsula and Aleutian Islands Management Areas (including test fish catches) was 13,937,141 salmon, comprised of 25,081 chinook, 4,745,899 sockeye, 499,887 coho, 6,911,031 pink and 1,755,243 chum salmon (Appendix B.1). In 1995, the combined Alaska Peninsula, Aleutian Islands, and Atka-Amlia Islands Management Areas harvest (all of the 1995 harvest came from the Alaska Peninsula Area) was 25,040 chinook, 6,289,760 sockeye, 399,986 coho, 16,323,942 pink, and 1,827,307 chum salmon for a total of 24,866,035 fish (Appendix B.1). The 1995 total harvest for all species combined and for pink salmon were the largest on record. The 1995 sockeye catch was the third highest on record. The 1995 chinook salmon harvest was right at the average for the previous ten years while the coho harvest fell about 100,000 below the 1985-94 average. The 1995 chum salmon harvest was approximately 72,000 fish above the previous ten year average.

In 1995, 11 companies purchased salmon in the Alaska Peninsula Area, no purchases of salmon were made in the Aleutian Islands or Atka-Amlia Islands Areas (Appendix A.2). The 1995 estimated salmon harvest value was about $51,475,000 (exvessel; Appendix A.3). Area T fishermen operating in the Inner Port Heiden and Cinder River Sections accounted for about $207,000 of the Alaska Peninsula Area exvessel earnings. The South Unimak and Shumagin Islands June fisheries were worth approximately $14,749,000 or about 28.8% of the entire Area M

earnings in 1995. The North Peninsula's exvessel worth was about $19,385,000 or about 37.8% of the total Alaska Peninsula Area earnings.

In the Alaska Peninsula Area, seiners harvested most of the pink and chum salmon and about half of the chinook and coho salmon during 1995. Drift gillnetters harvested most of the sockeye (Appendix B.3).

In 1995, nearly all available Area M CFEC limited entry permits were used (Appendix A.4). Area M purse seine permits total 125, and 118 permit holders made at least one delivery during the year. All 164 Area M drift gillnet permit holders and an additional 81 Area T drift gillnet fishers made at least one delivery during the year. Area M set gillnet permits total 114, and 108 permit holders and an additional 12 Area T set gillnet permits were used at least once in the Alaska Peninsula Area. Trends in the level of effort can be tracked; for example, the number of Area T drift gillnetters increased from 39 in 1986 to 105 in 1992 and then decreased to 81 in 1995 (Appendix A.5).

There are about 582 salmon systems within the Alaska Peninsula, Aleutian Islands, and Atka-Amlia Islands Management Areas (Murphy 1992). The South Peninsula has about 185 salmon systems with sockeye salmon found in 23, pink salmon in 110, and chum salmon in 72. A total of 57 coho salmon producing streams have been identified in the South Peninsula but there are likely more. In the North Peninsula, there are about 62 salmon producing systems with chinook present in 10, sockeye in 32, and pink salmon in at least 11. Chum salmon are present in about 52 systems of which 38 are regularly monitored. Coho salmon have been identified in 13 systems (Murphy 1992) but there are likely many more. In the Aleutian Islands and Atka-Amlia Islands Management Areas, there are at least 335 systems with sockeye present in about 45, pink salmon in 319, chum salmon in 11, and coho salmon in at least 35 (Murphy 1992).

Most salmon escapement estimates are derived from aerial surveys; only a few sockeye systems are weired. Currently, six weirs operate in the Alaska Peninsula Management Area; Ilnik, Sandy, Bear, Nelson, Thin Point Cove, and Orzinski Rivers. Orzinski (Orzenoi) and Ilnik have operated since 1990. Orzinski was weired during 1929-41 and 1990-95. Due to the importance of Orzinski sockeye in determining fishing time for the Northwest Stepovak Section, the amount of attention this area receives in regards to potential Chignik sockeye interception, and the difficulties involved with estimating fish from the air, it was decided to reinstall a weir in 1990. Orzinski is an easy system to weir. Unfortunately, the 450 foot long weir at Ilnik Lagoon (the longest weir in Alaska) is extremely difficult to install and maintain. It was decided to weir Ilnik due to the often poor conditions for estimating salmon from the air, and the importance of this system in determining fishing time for both the Ilnik Lagoon fishery (predominantly set gillnet gear) and a large drift gillnet fleet fishing outside the lagoon in the Ilnik Section. Unfortunately, there were too many problems in securing a fish tight weir in 1990 to obtain good escapement data. In 1991, the weir was modified, and during 1991-1995 escapement counts and samples were successfully obtained. In 1994, Thin Point Cove and Sandy River were successfully weired for the first time. It is hoped that a weir will be successfully operated in Middle Lagoon in Morzhovoi Bay during the 1996 season.

A weir was first placed on Bear River during the 1929 through 1932 seasons. This weir was placed immediately above the mouth of the Milky (locally called the Mad Sow) River. This weir was logistically difficult to construct and supply and was not operated long enough to estimate the total

sockeye escapement based on present knowledge of the runs. From 1933 through 1952 no salmon counting structure was operated at Bear River. From 1953 through 1960 a weir was operated near the present weir location close to the late outlet. From 1961 through 1985, a counting tower replaced the weir. From 1986 to the present, a weir has again been used to enumerate Bear River sockeye.

A counting tower was used to enumerate salmon on the Nelson (Sapsuk) River during the 1962 through 1988 seasons. In 1989, the tower was replaced with a floating weir which is still being used.

A counting tower was used on the Sandy River, at the present weir site, during the seasons of 1962 through 1964. After 1964, the Sandy River tower project was abandoned due to budget cuts and the fact that the river was often too muddy to count fish from a tower. A tripod weir has been used at Sandy River since 1994.

Escapement estimates using an indexed count (Appendix D) are presented. The indexed escapement method (Appendix F) is used on non-weired systems where aerial surveys are used to estimate escapements. This method is used inseason and for historical trends. Escapement data is mostly limited to Alaska Peninsula chinook, sockeye, pink, and chum salmon. Most escapement estimates in the text are indexed totals except Bear River and Nelson River sockeye salmon 1962-95, Nelson River chinook and chum salmon 1962-85, Orzinski sockeye salmon 1990-95, Ilnik sockeye salmon 1991-95, and Sandy River and Thin Point Cove sockeye salmon 1994-95 which are tower or weir counts. The indexed totals as calculated are likely lower than the actual totals. Consequently there will be differences after 1984 between figures used in area management reports and those in formally published reports (technical data reports, bulletins, etc.) which use different expansion factors (the estimated total escapement method). Coho salmon are not monitored in most streams due to the difficulty and expense of doing aerial surveys during the fall. Chinook, sockeye, pink, and chum salmon indexed total escapements from 1962 through 1995 are depicted in Figures 10-13.

The 1985-94 average indexed total escapement in the Alaska Peninsula Area was 12,505 chinook, 972,285 sockeye, 2,363,560 pink, and 830,481 chum salmon (Appendix D.1). In 1995, the indexed total chinook salmon escapement of 24,400 was almost double the previous ten year average and was well above the upper indexed total escapement goal of 17,400 fish. The 1995 indexed total sockeye salmon escapement of 1,206,400 fish was considerably higher than either the previous ten year average or the upper end of the escapement goal range (805,600). The indexed total escapement of pink salmon in 1995 of 6,414,500 was far higher than any previously recorded escapement in the Alaska Peninsula Area. The 1995 indexed total chum salmon escapement of 1,482,400 fish was above the goal of 698,800 to 1,387,600 and was far above the previous ten year average of 830,481. No attempt was made to record area wide coho salmon escapements due to the difficulties and expense of doing fall surveys.

Subsistence And Personal Use Fisheries

The Alaska Peninsula and Aleutian Islands communities of Sand Point, King Cove, False Pass, Nelson Lagoon, Port Heiden, Akutan, Atka, Unalaska, Nikolski, and Cold Bay use local resources

for subsistence. Salmon subsistence permits are issued to people in these areas through the Sand Point, King Cove, Cold Bay, Port Moller, and Dutch Harbor offices. Information from returned permits is used to extrapolate catches for all permits issued. There are undoubtedly many fish kept from commercial catches that are not reported on fish tickets nor on subsistence permits. There is no expansion of fish tickets or the returned permits to account for these salmon. Permits are not required to subsistence fish in the Akutan and Umnak Districts; consequently no catch estimates are available for the communities of Akutan, Nikolski, and Atka. Subsistence salmon fishing is not allowed in the Adak District. However, a personal use salmon fishery is allowed on Adak and Kagalaska Islands for Alaska residents.

In 1995, a total of 260 subsistence permits were issued in the Alaska Peninsula Area and 160 permits were issued for Unalaska (Aleutian Islands Area); four personal use permits were issued to people from Adak Island (Appendices C.1 - C.3). In 1995, 76.2% of the Alaska Peninsula and 80.6% of the Unalaska subsistence permits were returned. Three of the four Adak-Kagalaska Islands personal use permits were returned.

In 1995, the Alaska Peninsula subsistence harvest was an estimated 24,251 salmon comprised of 492 chinook, 12,716 sockeye, 5,021 coho, 2,653 pink, and 3,369 chum salmon (Appendix C.1). The Unalaska subsistence salmon harvest during 1995 was estimated to be 5,805 salmon comprised of 23 chinook, 4,484 sockeye, 484 coho, 791 pink, and 23 chum salmon (Appendix C.2). The Adak-Kagalaska Islands personal use salmon catch in 1995 was estimated to be 156 salmon, all sockeye (Appendix C.3).

The number of subsistence fishermen and the amount of salmon caught for subsistence purposes has been increasing since 1985 (the first year subsistence salmon catches were summarized) in the Alaska Peninsula Area and at Unalaska. The number of subsistence permits issued in the Alaska Peninsula Area (260) during 1995 was the second (to 262 in 1993) largest since 1985 and was far higher than the 161 permits issued in 1985 (Appendix C.1). Reasons for the increase in permits are an increase of out of area residents fishing Mortensen's Lagoon near Cold Bay (Appendix C.6 and C.9) and possibly a larger human population of the Alaska Peninsula Area.

The number of subsistence salmon permits (160) issued for fishing at Unalaska during 1995 was the highest on record. The estimated salmon harvest of 5,805 was the second highest (to 1986) since the total subsistence catch was first estimated in 1985 (Appendix C.1).

There is considerable variation in the species and numbers of salmon used for subsistence, between communities (Appendices C.4 and C.5).

The Mortensen's Lagoon subsistence fishery (Cold Bay road system) attracts more out of area Alaska residents (primarily from Anchorage and the Matanuska-Susitna Valley) than any other Alaska Peninsula Area subsistence fishery. In 1995, it was estimated that 39 out of the 63 permit holders estimated to harvest Mortensen's Lagoon salmon, were out-of-area residents (Appendix C.6).

Thin Point Lagoon, located approximately 12 air miles west of King Cove, is a very important source of subsistence sockeye and coho salmon for King Cove (Appendices C.7 and C.9).

The Reese Bay, Unalaska Island, subsistence fishery occurs on a small sockeye salmon run that appears to be fully utilized by subsistence fishers. The 1995 harvest was an estimated 3,985 sockeye salmon (Appendices C.8 and C.9).

The Adak-Kagalaska Islands personal use salmon harvest primarily consists of sockeye salmon taken at Quail Bay on Kagalaska Island and Hidden Bay on the south side of Adak Island. A few pink and coho salmon are harvested on the north side of Adak Island. After 1993, the personal use effort decreased greatly from previous years due to reductions in U.S. Navy personnel stationed at Adak. In 1995 four permit holders harvested an estimated 156 sockeye salmon (Appendices C.3 and C.10).

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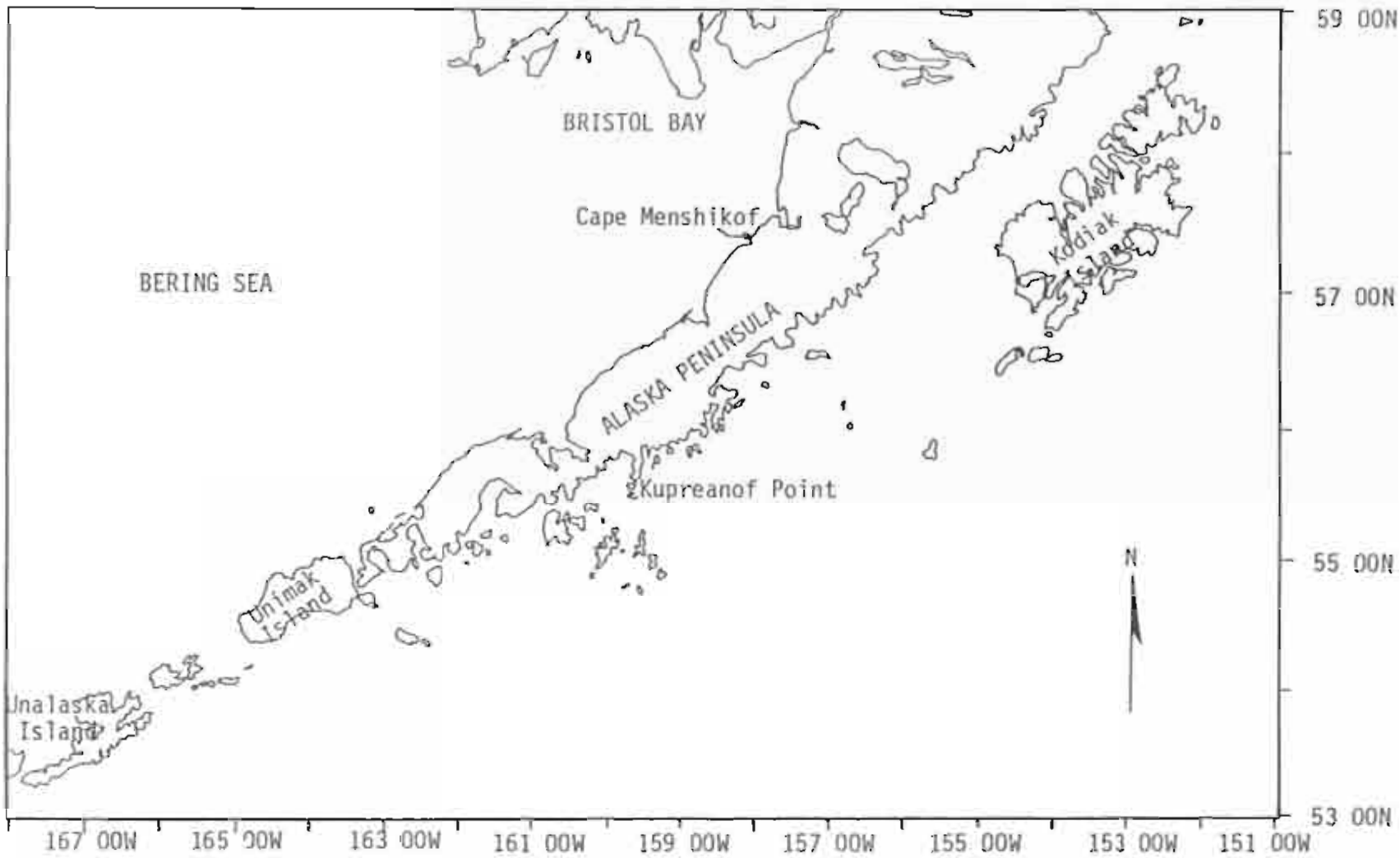

Figure 1. Map of the Alaska Peninsula and Aleutian Islands Areas; the study area on the Pacific portion of the map is from Kupreanof Point to Unalaska Island and on the Bering Sea from Unalaska Island to Cape Menshikof.

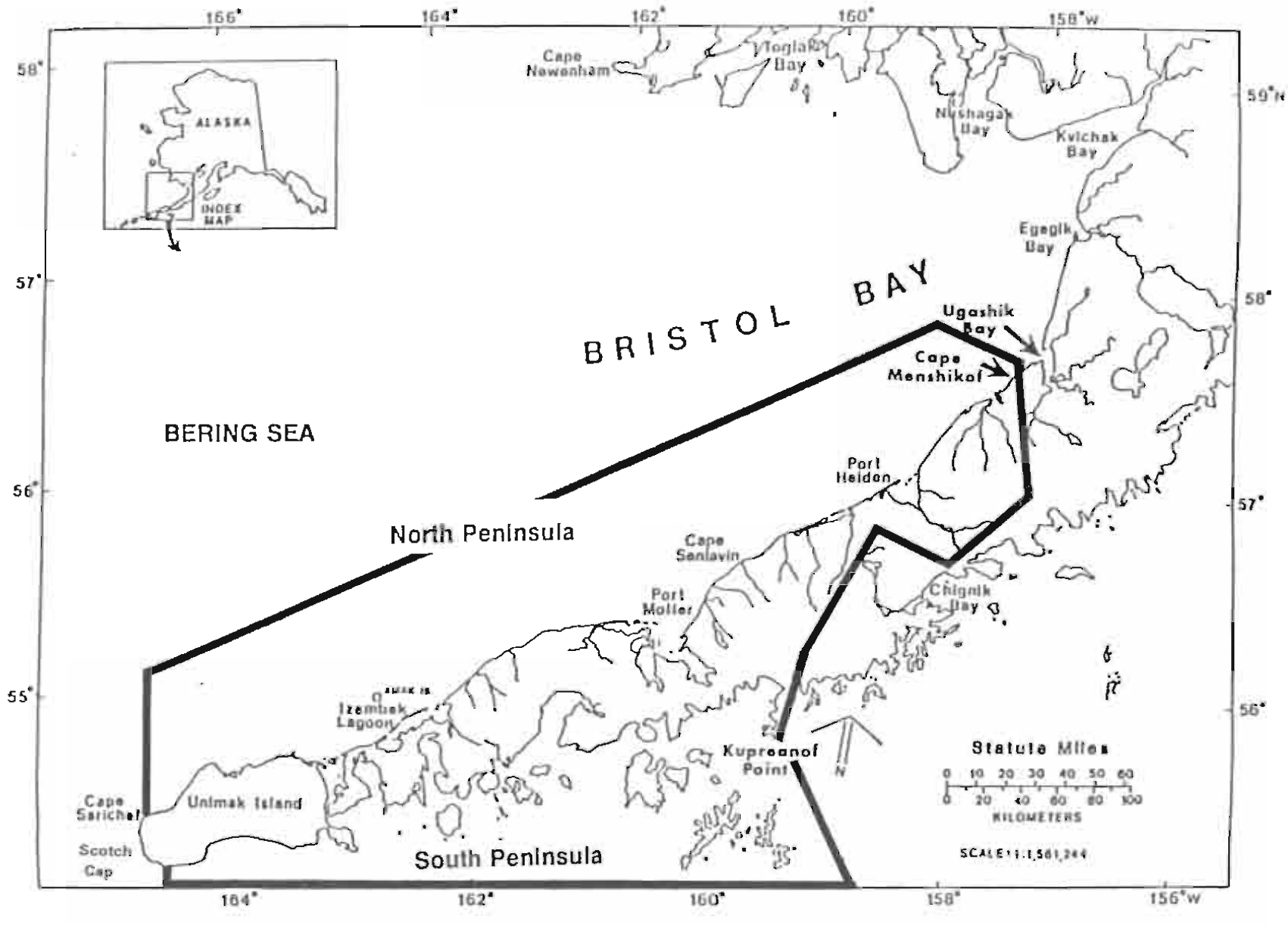

Figure 2. Map of the Alaska Peninsula Management Area, with the North and South Peninsula defined.

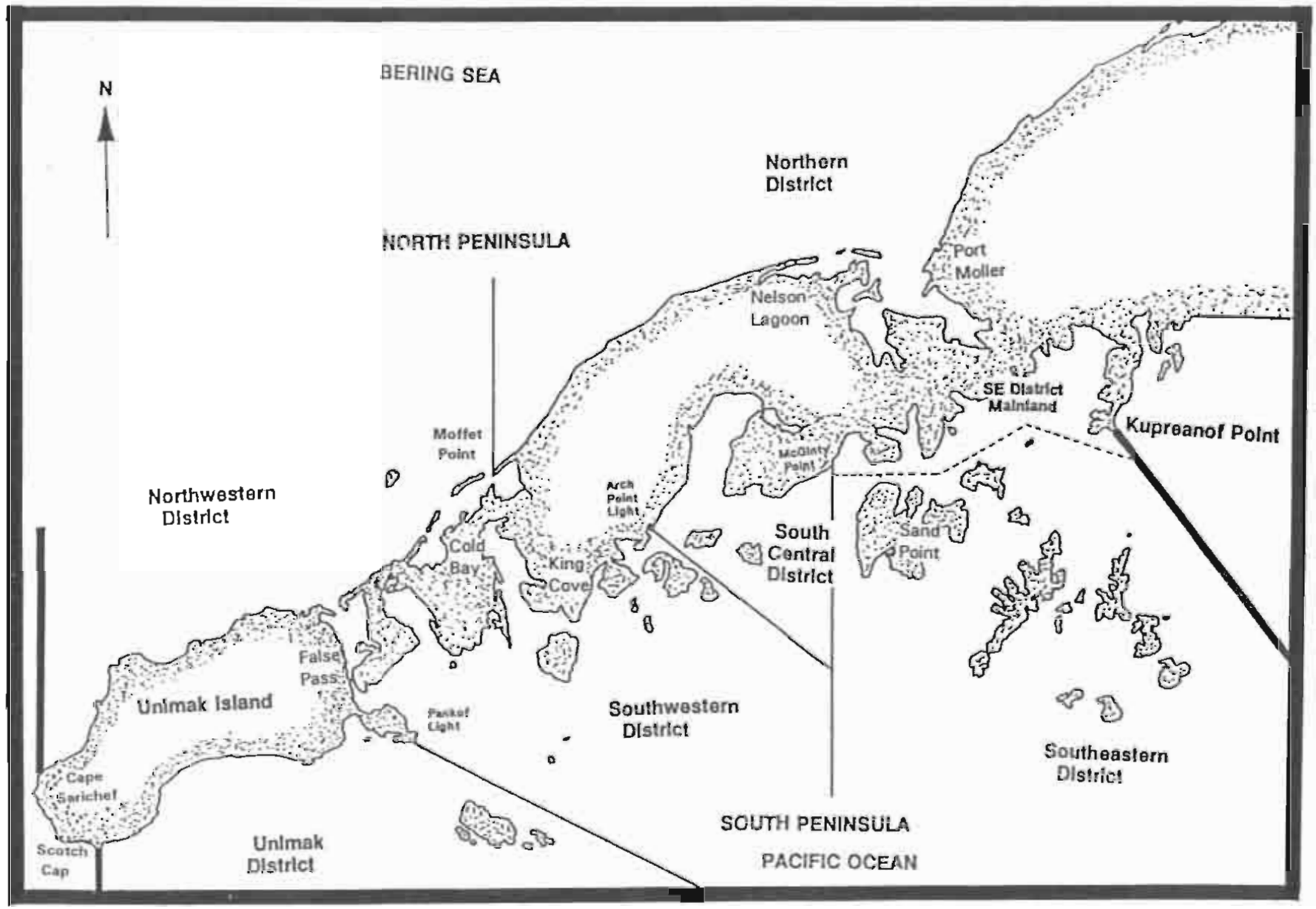

Figure 3. Map of the Alaska Peninsula Management Area with the salmon fishing districts defined.

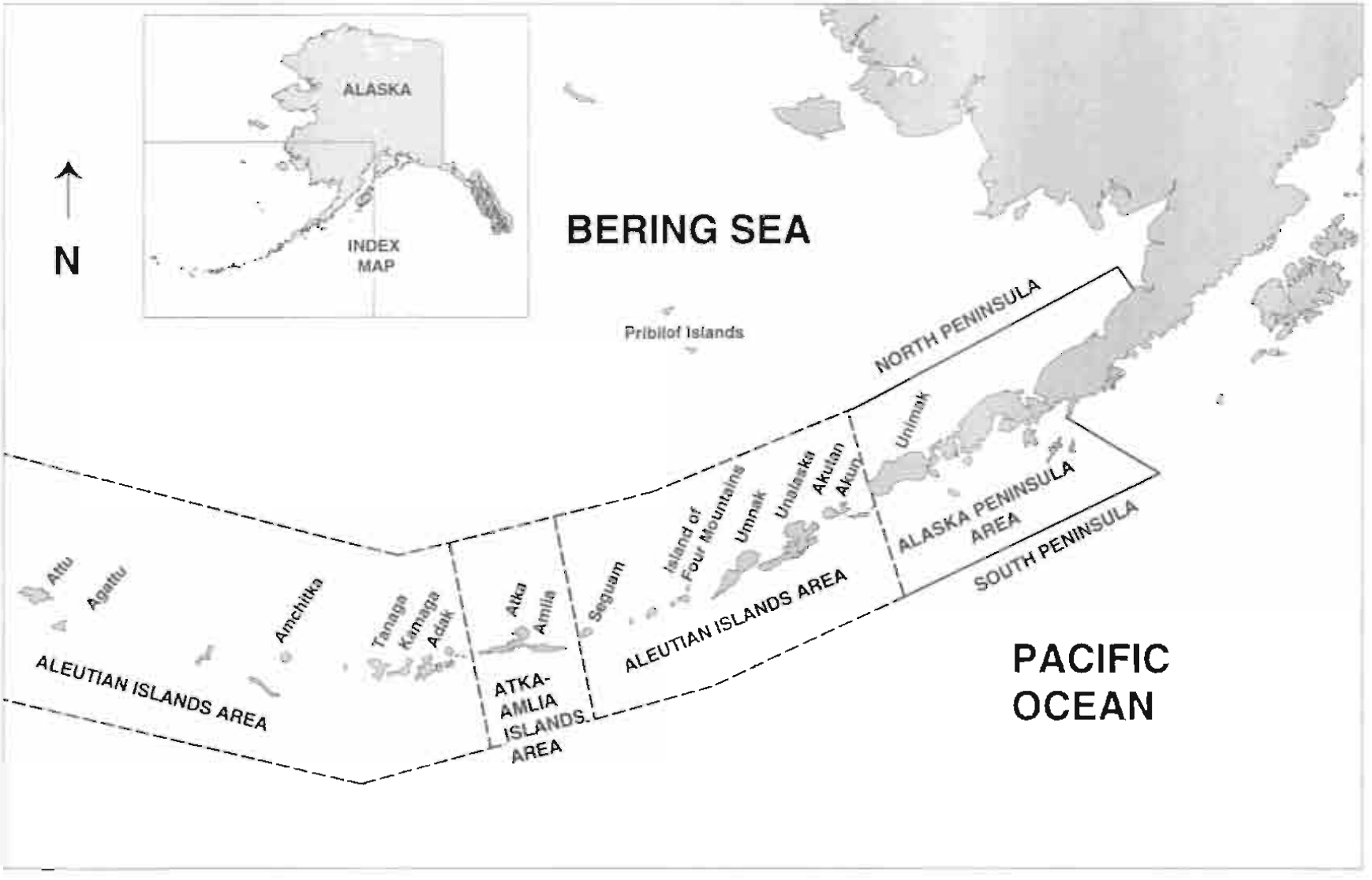

Figure 4. Map of the Aleutian Islands, Atka-Amlia Islands, and Alaska Peninsula Areas.

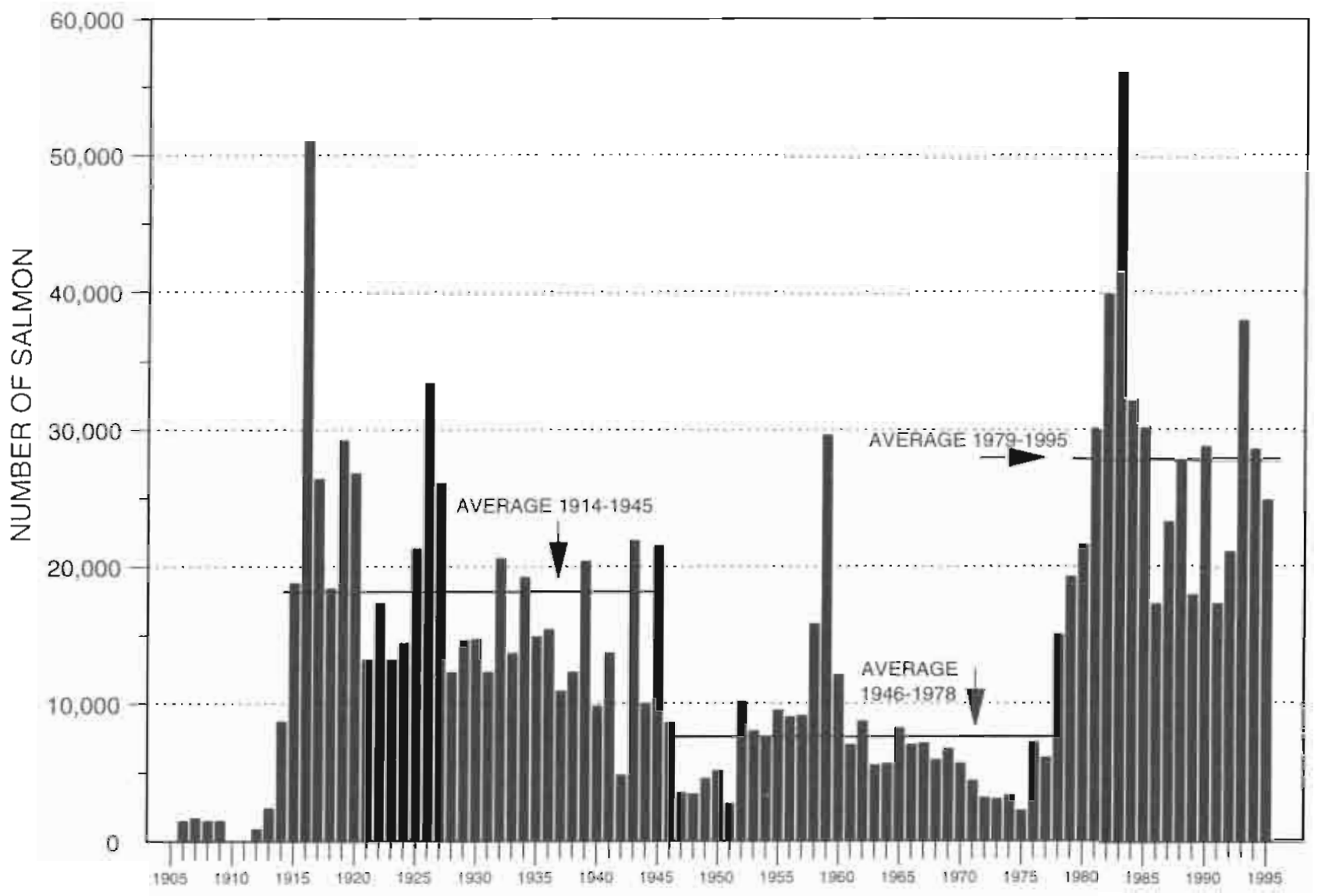

Figure 5. The combined Alaska Peninsula, Aleutian Islands, and Atka-Amlia Area harvest of chinook salmon by year, 1906-95.

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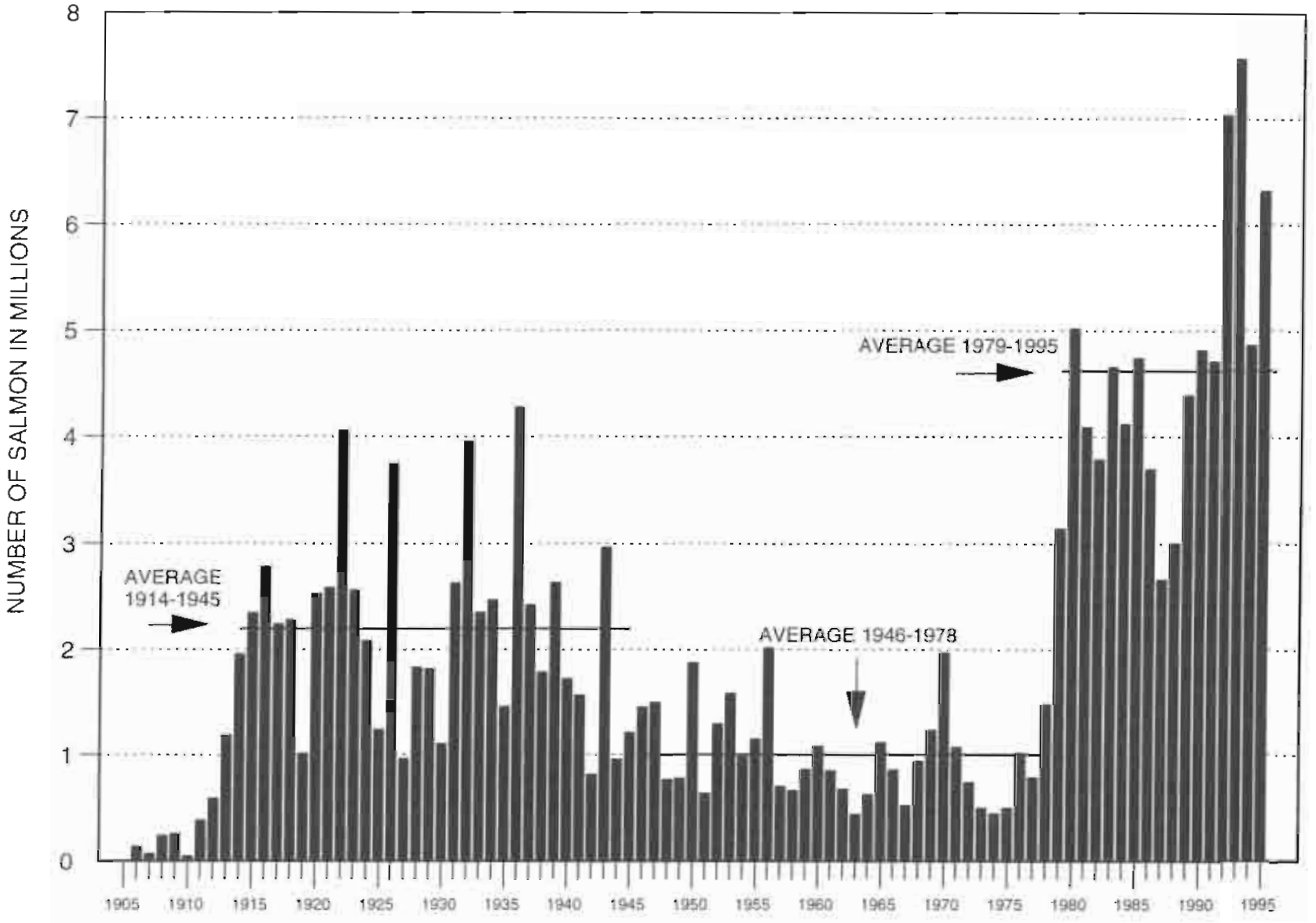

Figure 6. The combined Alaska Peninsula, Aleutian Islands, and Atka-Amlia Area harvest of sockeye salmon by year, 1906-95.

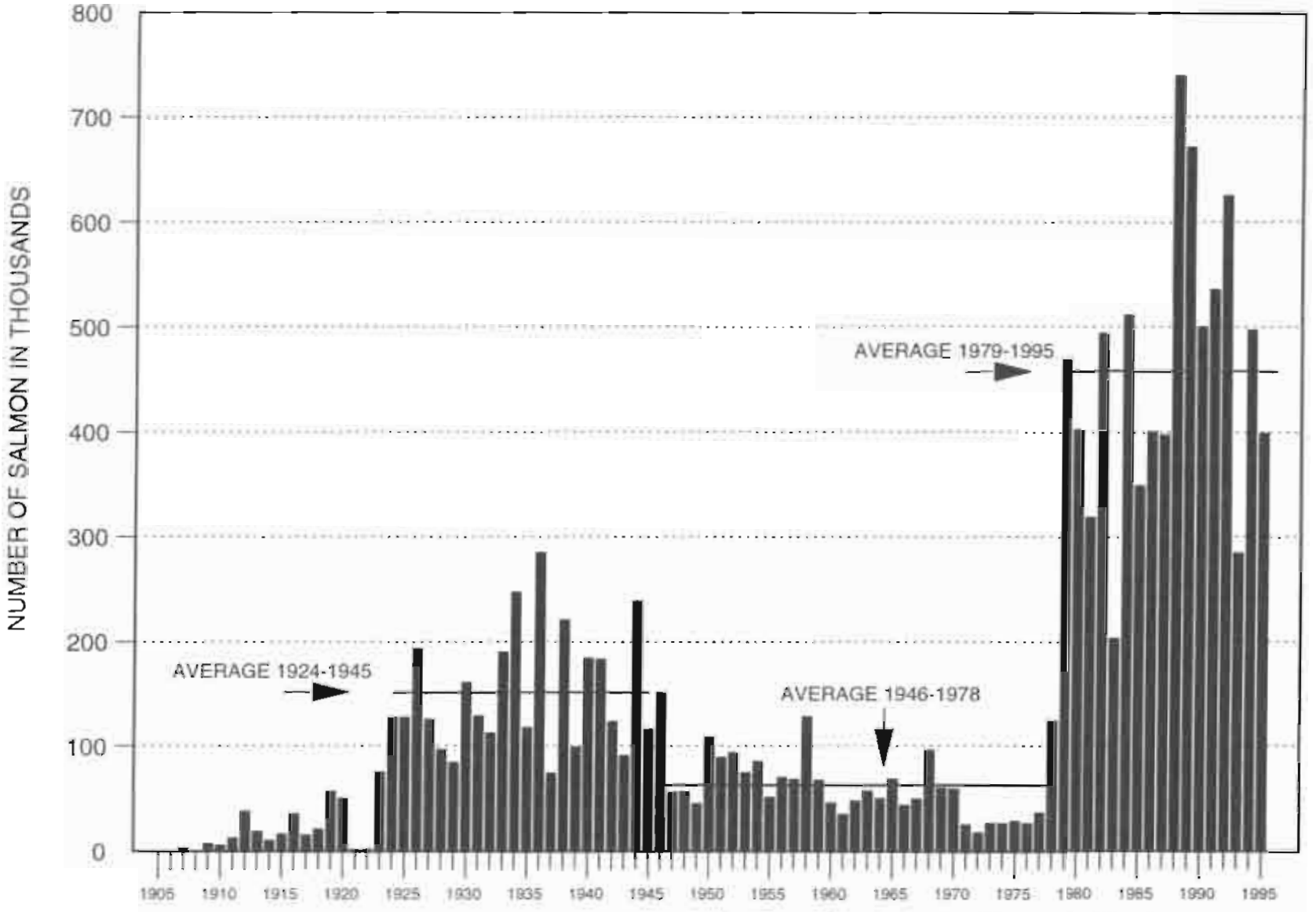

Figure 7. The combined Alaska Peninsula, Aleutian Islands, and Atka-Amlia Area harvest of coho salmon by year, 1906-95.

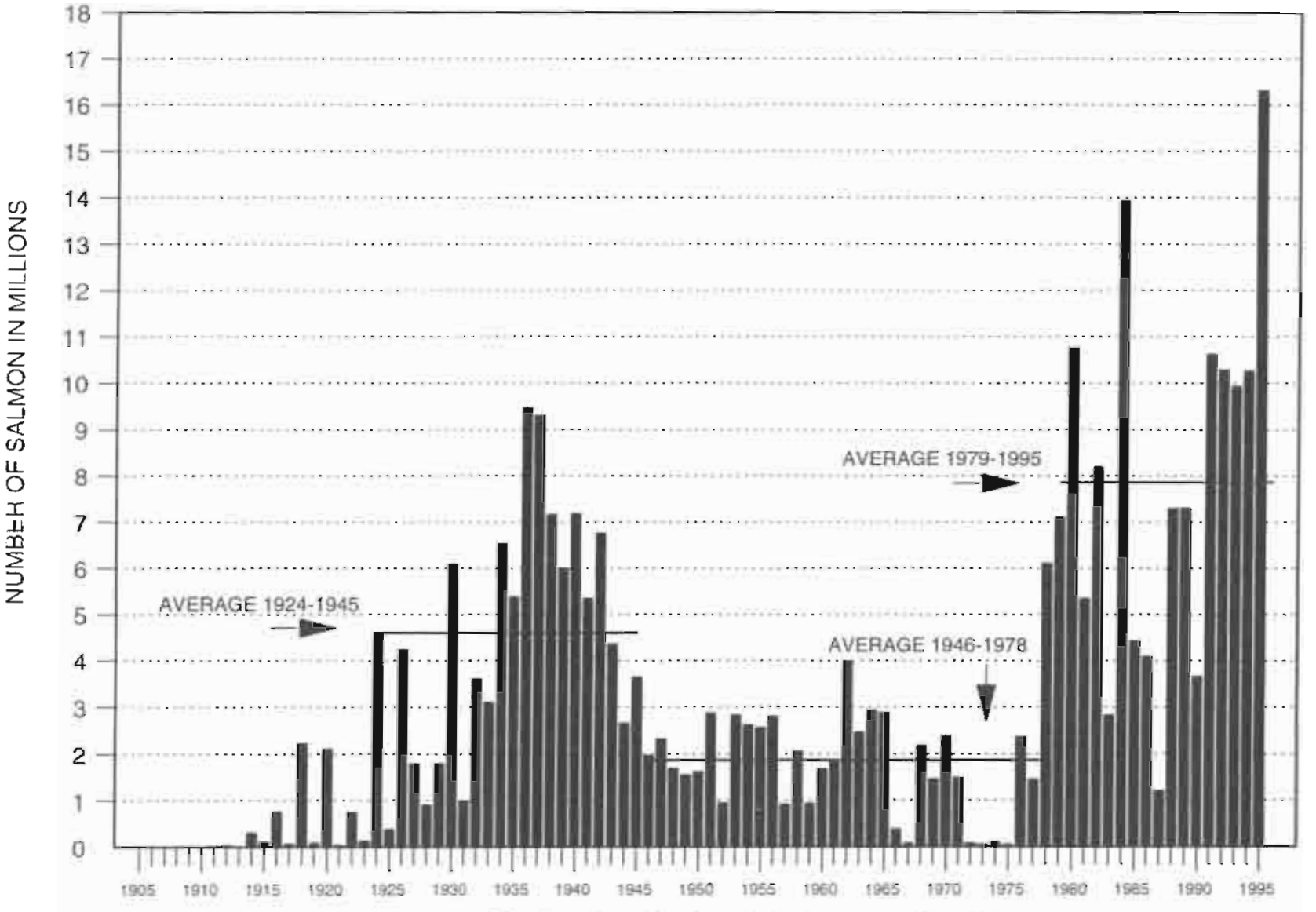

Figure 8. The combined Alaska Peninsula, Aleutian Islands, and Atka-Amlia Area harvest of pink salmon by year, 1906-95.

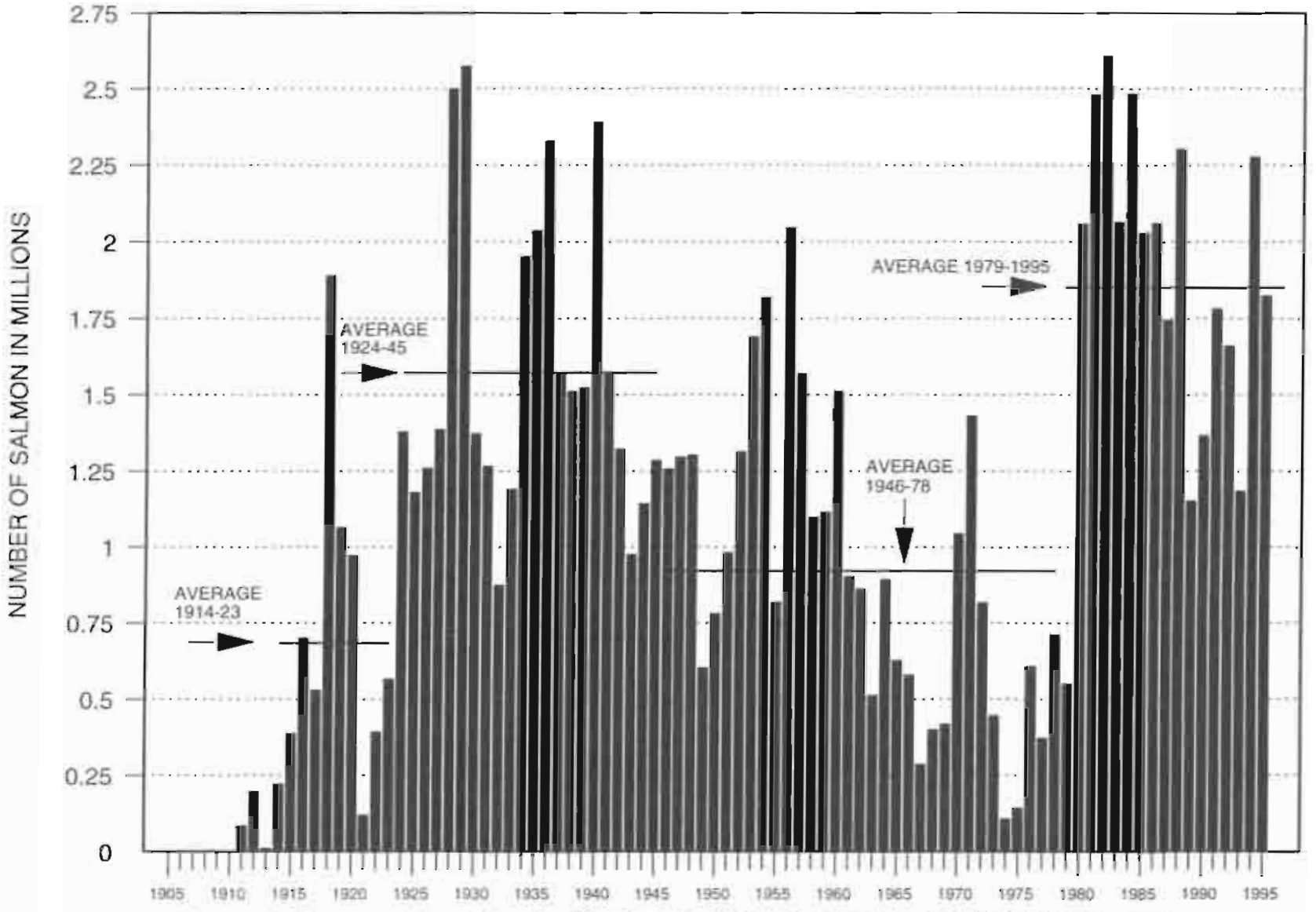

Figure 9. The combined Alaska Peninsula, Aleutian Islands, and Atka-Amlia Area harvest of chum salmon by year, 1906-95.

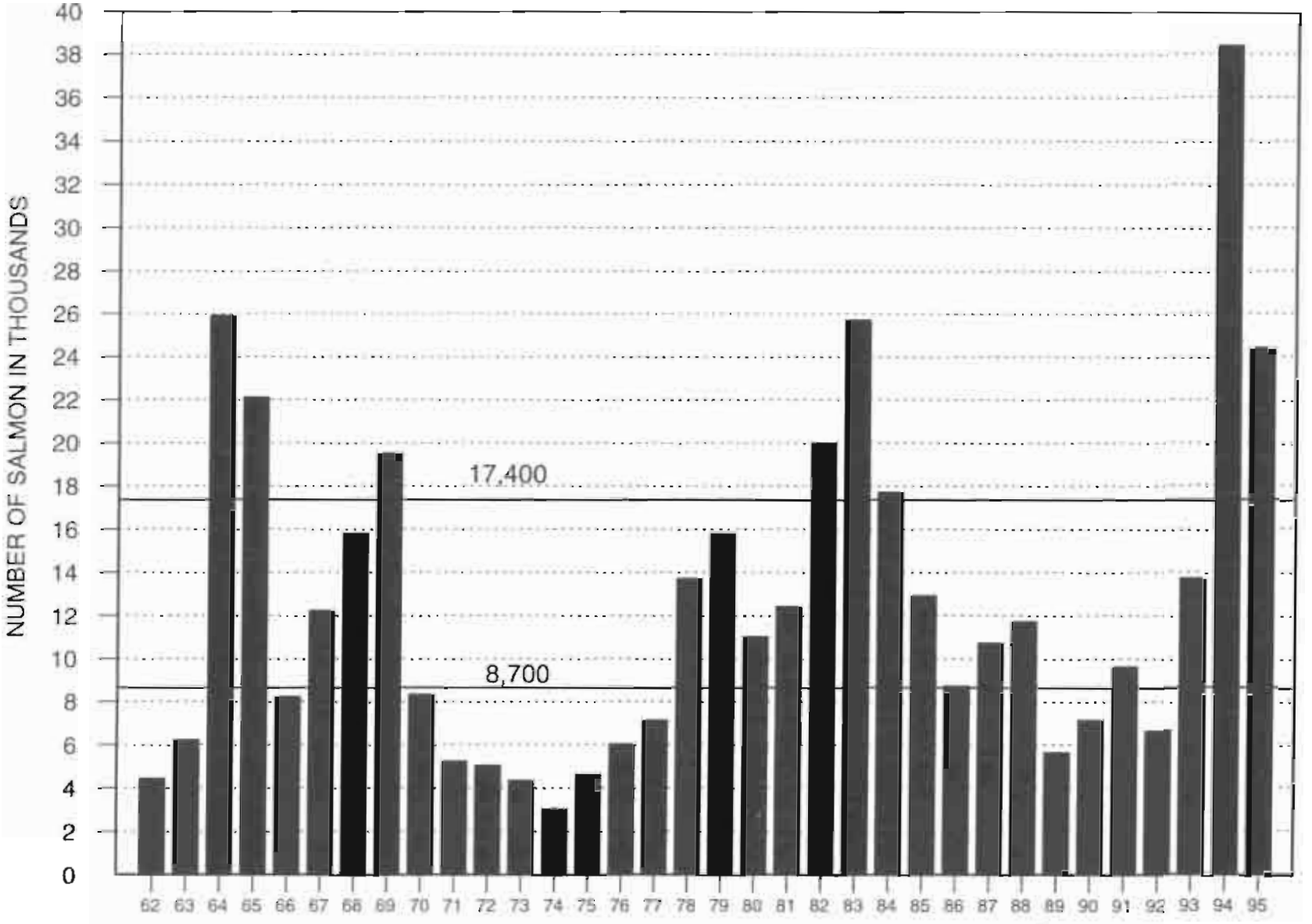

Figure 10. The Alaska Peninsula chinook salmon total indexed escapement by year, with the low (8,700) and high (17,400) escapement goals defined, 1962-95.

A1-95CNKESC
11/18/96

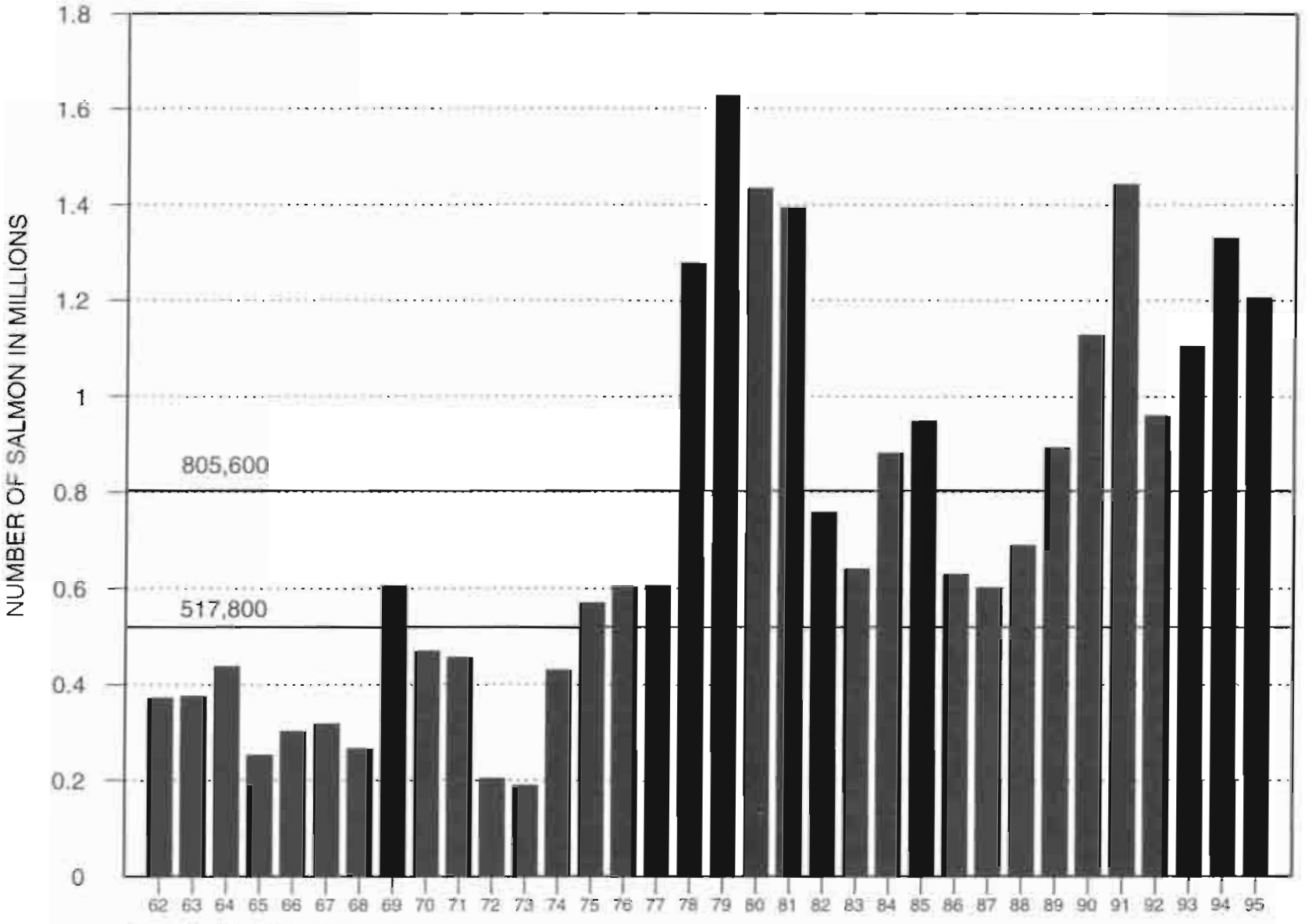

Figure 11. The Alaska Peninsula sockeye salmon total indexed escapement by year, with the low (517,800) and high (805,600) escapement goals defined, 1962-95.

A1-95SOCESC
11/18/96

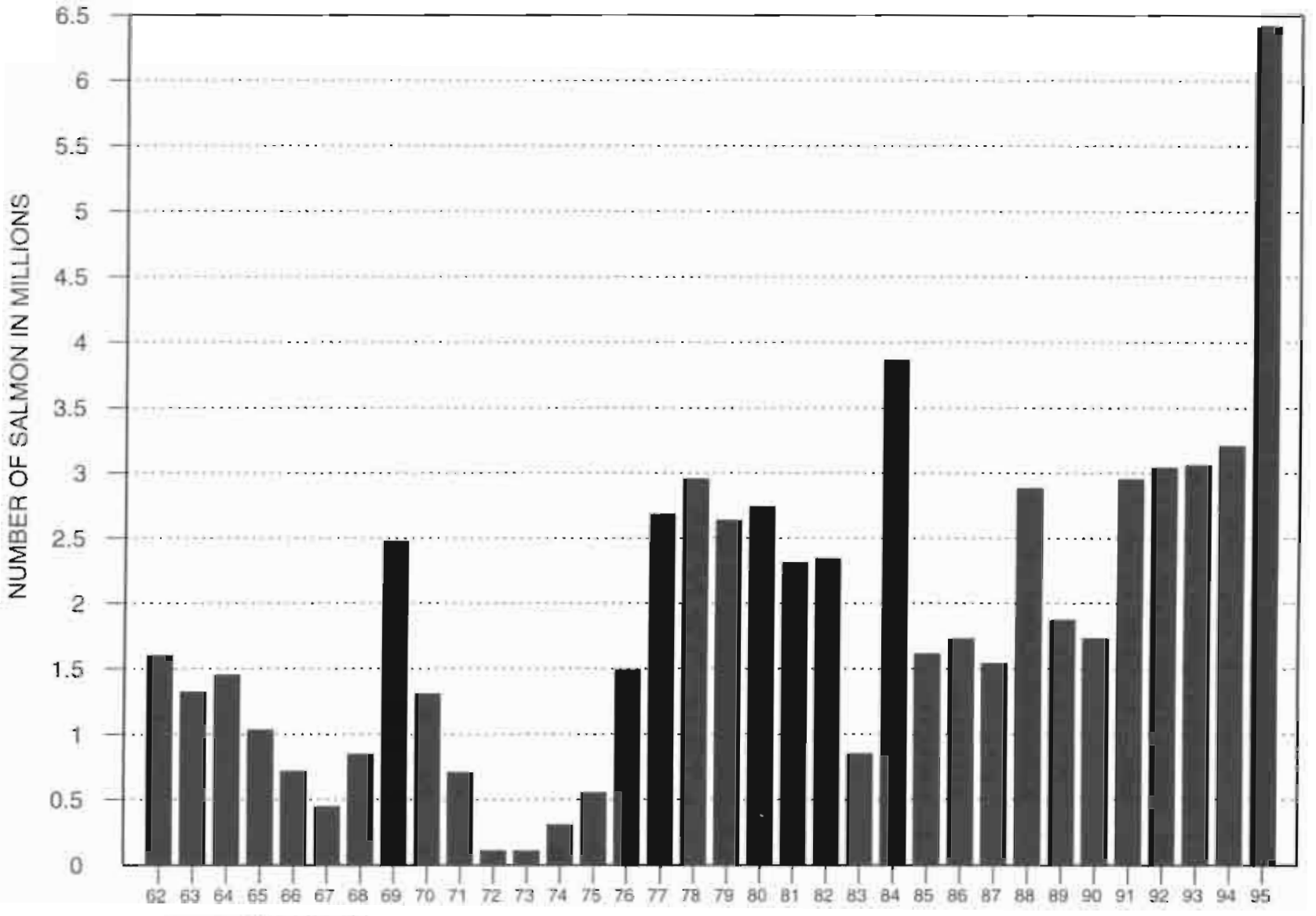

Figure 12. The Alaska Peninsula pink salmon total indexed escapement by year, 1962-95.

A1-9SPINKESC
11/18/96

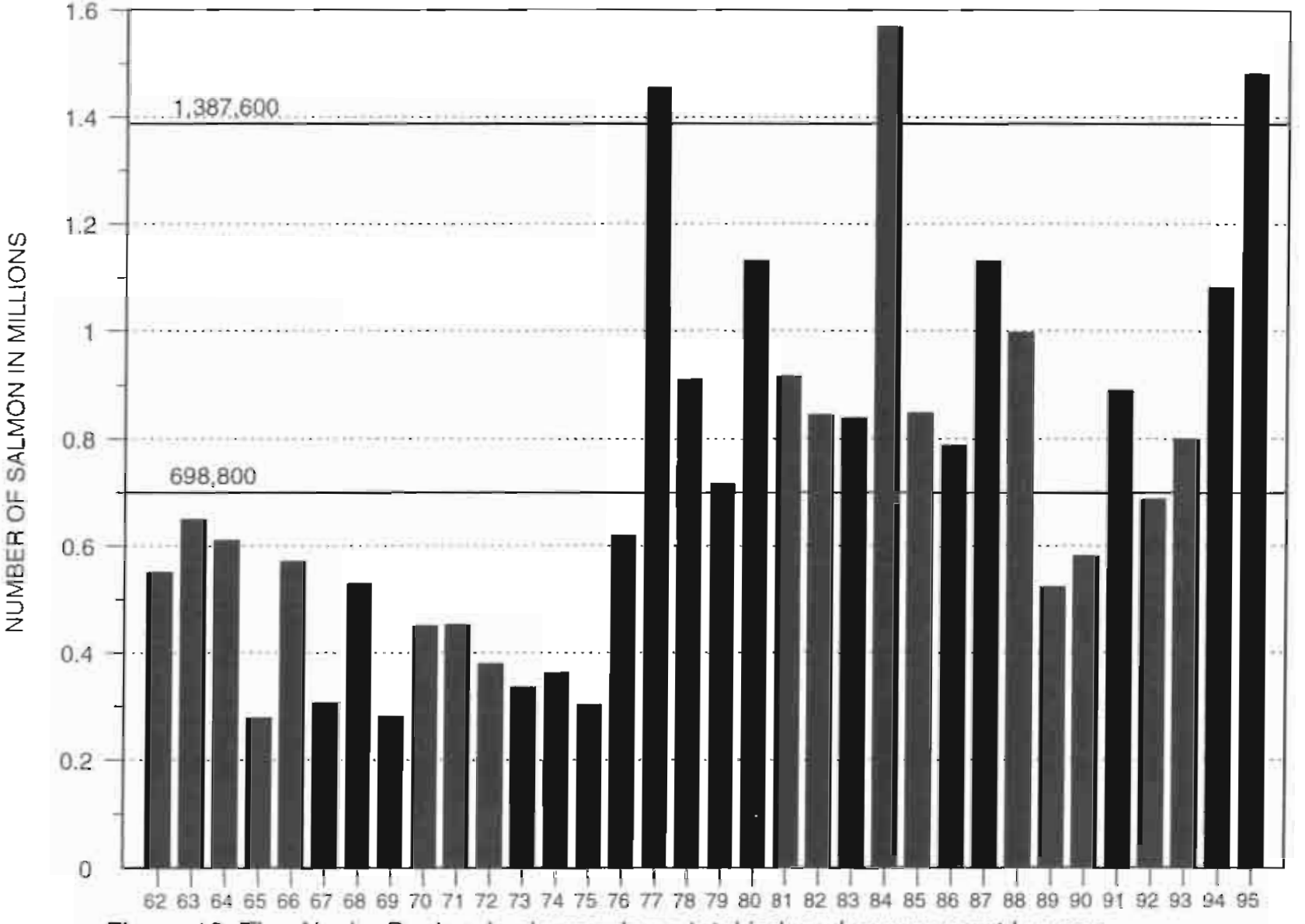

Figure 13. The Alaska Peninsula chum salmon total indexed escapement by year, with the low (698,800) and high (1,387,600) escapement goals defined, 1962-95.

APPENDIX

Appendix A.1. List of statistical salmon fishing areas in the Alaska Peninsula, Aleutian Islands, and Atka-Amlia Management Areas.

Area	Statistical Areas
Alaska Peninsula	28100 through 28599 plus 31111 through 31899
South Peninsula prior to 1991	28100 through 28499
Southeastern District Mainland[a]	28100 through 28299 plus 28370, 28375, 28380, and 28390
East Stepovak	28134, 28135, 28136
Stepovak Flats	28133
Northwest Stepovak	28110 through 28132
Orzinski and American Bays	28131
Southwest Stepovak	28390
Balboa Bay	28380
Beaver Bay[a]	28370, 28375
Shumagin Islands	28200 through 28299
South Central District	28361 through 28369
Southwestern District	28300 through 28352 plus 28460
Unimak District	28400 through 28450 plus 28310
June South Unimak Fishery	28310 through 28330 plus 28420 through 28460
South Peninsula after 1990	28100 through 28599
Southeastern District	28100 through 28299
Southeastern District Mainland	28100 through 28199
East Stepovak	28100 through 28125
Stepovak Flats	28130
Northwest Stepovak	28140 through 28169
Orzinski Bay	28150
American Bay	28155
Southwest Stepovak	28170
Balboa Bay	28180
Beaver Bay	28190
Shumagin Islands	28200 through 28299
South Central District	28300 through 28399
Mino Creek - Little Coal Bay Sect.	28315, 28317
East Pavlof Bay Section	28320, 28321, 28323
Canoe Bay Section	28324
West Pavlof Bay Section	28325, 28326
Southwestern District	28400 through 28499
Volcano Bay Section	28436, 28437, 28438
Belkofski Bay Section	28442
Deer Island Section	28455
Cold Bay Section	28462,28465,28467
Thin Point Section	28475
Morzhovoi Bay Section	28480
Ikatan Bay Section	28490
Unimak District	28500 through 28599
Sanak Island Section	28510
Otter Cove Section	28520, 28530
Cape Lutke Section	28540
June South Unimak fishery	28400 through 28599
North Peninsula	31111 through 31820
Northwestern District	31111 through 31299
Dublin Bay Section	31120
Urilia Bay Section	31132 through 31142
Swanson Lagoon Section	31152
Bechevin Bay Section	31158 through 31160
Izembek- Moffet Bay Section	31210 through 31240
Northern District	31300 through 31899
Black Hills Section	31310
Caribou Flats Section	31320
Nelson Lagoon Section	31330
Herendeen -Moller Bay Section	31420, 31430
Port Moller Bight Section	31412
Bear River Section	31500 through 31599
Three Hills Section	31610
Ilnik Section	31620 through 31699

-Continued-

Area	Statistical Areas
Ilnik Lagoon	31622
Outer Port Heiden Section	31710
Inner Port Heiden Section	31720
Cinder River Section	31820
Harbor Point to Cape Seniavin	31500 through 31599 and 31412
Cape Seniavin to Strogonof Point	31600 through 31699
Harbor Point to Strogonof Point	31500 through 31699 and 31412
Aleutian Island Area	30200 through 30999 and 31110
Atka-Amlia Area	30500 through 30599

[a] In 1985, statistical area 28370 became two areas (28370 and 28375). In 1988, Beaver Bay (28375) became part of the Southeastern District while the Mino Creek-Little Coal Bay area (28370) became part of the South Central District. In 1991, statistical areas were changed to reflect Alaska Board of Fish management plans. As an aid in comparing statistics, catches from 1970-90 from statistical areas 28370 and 28375 have been designated as Beaver Bay catches from the Southeastern District. After 1990, these statistical areas were eliminated, Beaver Bay became 28190 (Southeastern District) and the Mino Creek-Little Coal Bay area became 28317 and 28315 (South Central District).

Appendix A.2. Processing companies purchasing salmon in the Alaska Peninsula and Aleutian Islands Areas, 1995.

Crusader Fisheries, Inc.
4225 23rd Avenue W.
Seattle, WA 98199
Phone (206) 281-7022
Fax (206) 285-8159

Aleyeska Seafoods
P.O. Box 31359
Seattle, WA 99103
Phone (206) 547-2100

Icicle Seafoods, Inc.
4019 21st Avenue W.
P.O. Box 79003
Seattle, WA 98119
Phone (206) 282-0988
Fax (206) 282-7222

New West Fisheries, Inc.
601 Chestnut St.
Bellingham, WA 98225
Phone (206) 734-9050
Fax (206) 734-9059

North Coast Seafood Processors
P.O. Box 70668
Seattle, WA 98107
Phone (206) 789-5108
Fax (206) 789-7329

Peter Pan Seafoods, Inc.
2200 6th Avenue #1000
Seattle, WA 98121
Phone (206) 728-6000
Fax (206) 441-9090

Trident Seafoods Corporation
5303 Shilshole Avenue NW
Seattle, WA 98107
Phone (206) 783-3818
Fax (206) 782-7195

Woodbine Alaska Fish Company
P.O. Box 218
Egegik, AK 99579
Phone (907) 233-2205
Fax (907) 233-2214

Yak, Inc.
180 Nickerson, Suite 309
Seattle, WA 98109
Phone (206) 286-1303
Fax (206) 286-1098

C Fisheries
5305 Shilshale Ave. NW #200
Seattle, WA 98107
Phone (206) 782-6545

Inlet Salmon
P.O. Box 530
Kenai, AK 99611
Phone (907)283-9275
Fax (907)283-4069

Appendix A.3: Estimated value of Alaska Peninsula and Aleutian Islands commercial salmon fishery, 1995.[a,b]

	Chinook	Sockeye	Coho	Pink	Chum	Total
SEINE						
South Peninsula						
Poundage	288,316	7,770,595	1,157,477	55,939,296	9,736,395	74,892,079
Average Weight	22.5	5.1	6.2	3.6	7.0	
Exvessel Value	$215,000	9,200,000	465,000	9,460,000	2,090,000	21,430,000
Northwestern District						
Poundage	52	110,267	39,513	4,709	181,770	324,544
Average Weight	17.3	6	7	4.4	7.4	
Exvessel Value	$40	100,000	27,000	700	27,000	154,740
Northern District						
Poundage	311	64,803	0	361	7,524	72,999
Average Weight	17.3	5.8	0	2.8	6.6	
Exvessel Value	$230	65,000	0	60	1,300	66,590
North Peninsula Total						
Poundage	363	175,070	39,513	5,070	189,294	409,310
Average Weight	16.5	5.9	7.0	4.2	7.3	
Exvessel Value	$270	165,000	27,000	760	28,300	221,330
Aleutian Islands Area						
Poundage	0	0	0	0	0	0
Average Weight	-	-	-	-	-	
Exvessel Value	$0	0	0	0	0	0
Total Alaska Peninsula and Aleutian Islands Areas						
Poundage	288,679	7,945,665	1,196,990	55,944,366	9,925,689	75,301,389
Average Weight	22.5	5.2	6.2	3.6	7.0	
Exvessel Value	$215,270	9,365,000	492,000	9,460,760	2,118,300	21,651,330
South Unimak and Shumagin Islands June Fisheries[b,c]						
Poundage	266,525	5,599,634	12,968	486,744	2,279,155	8,645,026
Average Weight	23.6	4.9	5.7	2.9	6.6	
Exvessel Value	$200,000	7,100,000	5,000	35,000	600,000	7,940,000
DRIFT GILLNET						
South Peninsula						
Poundage	51,720	4,205,596	181,770	169,663	1,319,362	5,928,111
Average Weight	17.9	5.2	6.3	3.5	6.8	
Exvessel Value	$41,200	5,420,000	72,000	25,100	330,000	5,888,300

-Continued-

	Chinook	Sockeye	Coho	Pink	Chum	Total
Northwestern District						
Poundage	32	9,058	37	741	8,125	17,993
Average Weight	8.0	6.0	6.2	3.0	8.0	
Exvessel Value	$20	9,500	10	500	1,600	11,630
Northern District						
Poundage	71,435	15,944,941	661,880	35,005	454,852	17,168,113
Average Weight	17.2	5.5	7.2	3.3	6.7	
Exvessel Value	$50,000	16,742,000	285,000	4,000	90,000	17,171,000
North Peninsula Total						
Poundage	71,467	15,953,999	661,917	35,746	462,977	17,186,106
Average Weight	17.2	5.5	7.2	3.3	6.7	
Exvessel Value	$50,020	16,751,500	285,010	4,500	91,600	17,182,630
Alaska Peninsula and Aleutian Islands Areas Total						
Poundage	123,187	20,159,595	843,687	205,409	1,782,339	23,114,217
Average Weight	17.5	5.4	7.0	3.5	6.8	
Exvessel Value	$91,220	22,171,500	337,010	29,600	421,600	230,509,300
Area T						
Poundage	38,425	1,195	308,533	0	312	348,465
Average Weight	18.3	5.7	7.5	-	6.5	
Exvessel Value	$25,000	700	150,000	0	50	175,750
Area M						
Poundage	84,762	20,158,400	535,154	205,409	1,782,027	22,765,752
Average Weight	17.1	5.4	6.7	3.5	6.8	
Exvessel Value	$66,220	22,170,800	187,010	29,600	421,550	22,875,180
South Unimak-Shumagin Islands June Fisheries[b, c]						
Poundage	51,336	4,072,400	17,877	17,242	1,158,457	5,317,312
Average Weight	17.9	5.1	5.9	2.8	6.7	
Exvessel Value	$41,000	5,295,000	7,000	1,000	300,000	5,644,000
SET GILLNET						
South Peninsula						
Poundage	20,244	4,041,127	304,717	2,580,371	957,179	7,903,638
Average Weight	15.1	6.0	7.0	3.8	7.0	
Exvessel Value	$14,000	4,055,000	121,500	385,700	195,100	4,771,300
Northwestern District						
Poundage	74	33,613	0	190	7,393	41,270
Average Weight	24.7	6.4	-	3.0	7.2	
Exvessel Value	$50	35,300	0	30	1,480	36,860

-Continued-

	Chinook	Sockeye	Coho	Pink	Chum	Total
Northern District						
Poundage	55,570	1,688,353	297,165	443	24,568	2,066,099
Average Weight	16.4	5.3	7.9	3.5	6.7	
Exvessel Value	$40,000	1,770,000	130,000	40	4,000	1,944,040
North Peninsula Total						
Poundage	55,644	1,721,966	297,165	633	31,961	2,107,369
Average Weight	16.4	5.3	7.9	3.4	6.8	
Exvessel Value	$40,050	1,805,300	130,000	70	5,480	1,980,900
Alaska Peninsula and Aleutian Islands Total						
Poundage	75,888	5,761,245	601,589	2,581,004	989,140	10,008,866
Average Weight	16	5.8	7.4	3.8	7.0	
Exvessel Value	$54,050	5,860,300	251,500	385,770	200,580	6,752,200
Area T						
Poundage	9,796	471	51,964	0	784	63,015
Average Weight	19.1	5.4	7.3	-	8.0	
Exvessel Value	$6,400	300	24,500	0	125	31,325
Area M						
Poundage	66,092	5,760,774	549,625	2,581,004	989,124	9,945,851
Average Weight	15.6	5.4	7.4	3.8	7.0	
Exvessel Value	$47,650	5,860,000	227,000	385,770	200,578	6,720,998
South Unimak-Shumagin Islands June Fisheries[b, c]						
Poundage	11,523	918,042	4,130	9,026	140,254	1,082,975
Average Weight	19.1	5.5	5.8	3.3	6.8	
Exvessel Value	$8,000	1,120,000	1,400	600	35,100	1,165,100
ALL GEAR COMBINED						
South Peninsula						
Poundage	360,280	16,017,318	1,643,964	58,689,330	12,012,936	88,723,828
Average Weight	21.0	5.3	6.3	3.6	7.0	
Exvessel Value	$270,200	18,675,000	658,500	9,870,800	2,615,100	32,089,600
Northwestern District						
Poundage	158	152,938	39,550	5,640	197,288	395,574
Average Weight	15.8	6.1	7.0	4.1	7.4	
Exvessel Value	$110	144,800	27,010	1,230	30,080	203,230
Northern District						
Poundage	127,316	17,698,097	959,045	35,809	486,944	19,307,211
Average Weight	16.8	5.5	7.4	3.3	6.7	
Exvessel Value	$90,230	18,577,000	415,000	4,100	95,300	19,181,630

-Continued-

	Chinook	Sockeye	Coho	Pink	Chum	Total
North Peninsula Total						
Poundage	127,474	17,851,035	998,595	41,449	684,232	19,702,785
Average Weight	16.8	5.5	7.4	3.4	6.9	
Exvessel Value	$90,340	18,721,800	442,010	5,330	125,380	19,384,860
Aleutian Islands Area Total						
Poundage	0	0	0	0	0	0
Average Weight	-	-	-	-	-	
Exvessel Value	$0	0	0	0	0	0
Total Alaska Peninsula and Aleutian Islands Areas						
Poundage	487,754	33,866,505	2,642,266	58,730,779	12,697,168	108,424,473
Average Weight	19.8	5.4	6.7	3.6	7.0	
Exvessel Value	$360,540	37,396,800	1,100,510	9,876,130	2,740,603	51,474,583
Area T						
Poundage	48,221	7,250	360,497	0	1,096	417,064
Average Weight	18.6	5.7	7.5	-	6.9	
Exvessel Value	$31,400	1,000	174,500	0	175	207,075
Area M						
Poundage	439,533	33,859,255	2,281,769	58,730,779	12,696,072	108,007,408
Average Weight	19.7	5.7	6.5	3.6	6.9	
Exvessel Value	$329,140	37,395,800	926,010	9,876,130	2,740,428	51,267,508
South Unimak-Shumagin Islands June Fisheries[b, c]						
Poundage	329,384	10,590,076	34,975	513,012	3,577,866	15,045,313
Average Weight	22.3	5.0	5.8	2.9	6.7	
Exvessel Value	$249,000	13,515,000	13,400	36,600	935,100	14,749,100

[a] All value figures are estimates based on limited information.

[b] Does not include test fisheries.

[c] These figures are included in the South Peninsula and total Alaska Peninsula and Aleutian Islands Areas.

Appendix A.4. Number of limited entry permits[a] and fishing effort[b] in the Alaska Peninsula Management Area, 1984-1995.

	PURSE SEINE		DRIFT GILLNET			SET GILLNET		
Year	Area M Permits[a] Available	Area M Permits Fished	Area M Permits Available	Area M Permits[c] Fished	Area T Permits Fished	Area M Permits Available	Area M Permits[c] Fished	Area T Permits Fished
1984	125	121	165	158	44	114	103	15
1985	125	123	165	158	44	114	103	18
1986	125	121	165	163	37	114	100	7
1987	125	116	165	163	48	114	108	9
1988	125	114	165	162	59	114	106	14
1989	125	119	165	158	64	114	111	18
1990	126	121	164	166	63	114	114	15
1991	126	126	164	162	68	114	111	12
1992	125	119	164	161	102	114	111	18
1993	125	123	164	162	50	114	114	11
1994	125	118	164	164	77	114	108	9
1995	125	118	164	164	81	114	110	12

[a] Includes both permanent permits and interim use permits.

[b] Making at least one delivery during the year.

[c] During a portion of the season, in specific sections, Area T set and drift gillnet fishermen are allowed to fish in portions of the Alaska Peninsula Area.

Appendix A.5. Units of gear used in the Alaska Peninsula Area, 1984-1995.[a]

	Seiners	Area M Drift Gillnetters		
Year	South Unimak & Shumagin Island June Fishery	South Unimak June Fishery	North Peninsula Only	Total Area M Drift Gillnetters
1984	101	147	11	158
1985	107	150	9	158
1986	99	156	7	163
1987	86	144	19	163
1988	90	148	14	162
1989	99	145	13	158
1990	109	153	14	166
1991	112	157	5	162
1992	112	141	20	161
1993	116	140	22	162
1994	114	145	19	164
1995	112	151	13	164

	Area T Drift Gillnetters			
	Ilnik and Outer Port Heiden[b]	Inner Port Heiden	Cinder River Only	Total Area T
1984	8	19	25	52
1985	0	25	23	48
1986	15	23	1	39
1987	17	23	10	50
1988	22	28	18	68
1989	34	22	15	71
1990	0	28	39	67
1991	0	22	50	72
1992	0	20	85	105
1993	0	17	34	51
1994	0	18	60	78
1995	0	19	62	81

[a] During July and August some gillnet (both drift and set) fishermen who have seine permits hand purse seine pink and chum salmon. Several set gillnetters listed are seiners or drift gillnetters during most of the year.

[b] After 1989 the Outer Port Heiden section was closed and Area T fishermen were regulated out of the Ilnik Section except Ilnik Lagoon.

Area M Set Gillnetters[c]

Year	Southeastern District	South Unimak June	North Peninsula Only
1984	52	6	38
1985	53	10	39
1986	47	10	40
1987	58	12	39
1988	57	11	36
1989	62	27	35
1990	66	19	34
1991	67	17	35
1992	63	29	34
1993	67	25	32
1994	62	28	33
1995	60	21	50

At times, some set gillnetters will fish both the Southeastern District and South Unimak during June.

Area T Set Gillnetters

Year	Inner Port Heiden	Cinder River	Total Area T
1984	4	11	15
1985	6	11	18
1986	7	0	7
1987	5	4	9
1988	7	7	14
1989	5	13	18
1990	5	11	15
1991	4	8	12
1992	4	14	18
1993	3	8	11
1994	2	7	9
1995	5	7	12

[c] Some Area M set gillnetters participated in more than one of the below listed fishing locations.

Appendix B.1. Alaska Peninsula-Aleutian Islands salmon catches (in numbers of fish) by year, for the South Peninsula, North Peninsula, Aleutian Islands, and Atka-Amlia Areas, 1906-1995.[a]

Year		Chinook	Sockeye	Coho	Pink	Chum	Total
1906	South Peninsula	0	0	0	0	0	0
	North Peninsula	1,500	135,000	0	0	0	136,500
	Aleutians	0	0	0	0	0	0
	Total	1,500	135,000	0	0	0	136,500
1907	South Peninsula	0	0	0	0	0	0
	North Peninsula	1,700	66,500	3,200	1,500	0	72,900
	Aleutians	0	0	0	0	0	0
	Total	1,700	66,500	3,200	1,500	0	72,900
1908	South Peninsula	0	69,400	0	0	0	69,400
	North Peninsula	1,500	166,900	0	0	0	168,400
	Aleutians	0	0	0	0	0	0
	Total	1,500	236,300	0	0	0	237,800
1909	South Peninsula	0	108,400	7,200	0	0	115,600
	North Peninsula	1,500	143,000	0	0	1,000	145,500
	Aleutians	0	0	0	0	0	0
	Total	1,500	251,400	7,200	0	1,000	261,100
1910	South Peninsula	0	46,300	5,500	0	0	51,800
	North Peninsula	0	0	0	0	0	0
	Aleutians	0	0	0	0	0	0
	Total	0	46,300	5,500	0	0	51,800
1911	South Peninsula	0	240,800	12,400	25,200	83,000	361,400
	North Peninsula	0	129,600	0	0	0	129,600
	Aleutians	0	9,300	0	0	0	9,300
	Total	0	379,700	12,400	25,200	83,000	500,300
1912	South Peninsula	0	334,400	27,000	40,400	195,000	596,800
	North Peninsula	900	252,700	11,000	0	2,400	267,000
	Aleutians	0	0	0	0	0	0
	Total	900	587,100	38,000	40,400	197,400	863,800
1913	South Peninsula	1,800	299,700	0	0	7,000	308,500
	North Peninsula	600	888,800	18,700	0	2,000	910,100
	Aleutians	0	0	0	0	0	0
	Total	2,400	1,188,500	18,700	0	9,000	1,218,600
1914	South Peninsula	600	628,900	0	311,000	221,100	1,171,500
	North Peninsula	8,100	1,325,100	0	0	0	1,333,200
	Aleutians	0	0	0	0	0	0
	Total	8,700	1,954,000	9,900	311,000	221,100	2,504,700

-Continued-

Year		Chinook	Sockeye	Coho	Pink	Chum	Total
1915	South Peninsula	4,800	367,900	16,200	120,100	333,100	842,100
	North Peninsula	14,000	1,974,300	0	0	54,800	2,043,100
	Aleutians	0	0	0	0	0	0
	Total	18,800	2,342,200	16,200	120,100	387,900	2,885,200
1916	South Peninsula	6,800	730,900	34,100	576,100	508,900	1,856,800
	North Peninsula	44,200	1,974,700	0	2,600	191,400	2,212,900
	Aleutians	0	76,500	1,200	180,300	100	258,100
	Total	51,000	2,782,100	35,300	759,000	700,400	4,327,800
1917	South Peninsula	6,400	1,486,100	4,600	72,100	415,500	1,984,700
	North Peninsula	20,000	679,600	6,800	600	90,300	797,300
	Aleutians	0	70,400	3,800	600	23,100	97,900
	Total	26,400	2,236,100	15,200	73,300	528,900	2,879,900
1918	South Peninsula	8,700	1,014,100	16,300	2,150,000	1,501,000	4,690,900
	North Peninsula	9,700	1,208,500	0	1,200	252,300	1,471,700
	Aleutians	0	55,200	4,400	75,600	135,200	270,400
	Total	18,400	2,277,800	20,700	2,227,600	1,888,500	6,433,000
1919	South Peninsula	9,600	619,100	56,100	80,200	921,400	1,686,400
	North Peninsula	19,600	389,200	0	12,000	143,500	564,300
	Aleutians	0	3,900	800	4,000	0	8,700
	Total	29,200	1,012,200	56,900	96,200	1,064,900	2,259,400
1920	South Peninsula	7,800	1,142,300	47,700	2,109,800	934,000	4,241,600
	North Peninsula	19,000	1,371,900	0	0	37,000	1,427,900
	Aleutians	0	10,100	2,800	0	0	12,900
	Total	26,800	2,524,300	50,500	2,109,800	971,000	5,682,400
1921	South Peninsula	700	830,700	1,500	47,300	84,600	964,800
	North Peninsula	12,500	1,746,500	0	0	32,800	1,791,800
	Aleutians	0	0	0	0	0	0
	Total	13,200	2,577,200	1,500	47,300	117,400	2,756,600
1922	South Peninsula	6,900	3,376,800	2,200	756,700	349,300	4,491,900
	North Peninsula	10,400	667,900	0	0	42,900	721,200
	Aleutians	0	14,000	0	0	0	14,000
	Total	17,300	4,058,700	2,200	756,700	392,200	5,227,100
1923	South Peninsula	4,100	1,827,200	75,300	143,600	538,900	2,589,100
	North Peninsula	9,100	731,700	100	0	25,800	766,700
	Aleutians	0	0	0	0	0	0
	Total	13,200	2,558,900	75,400	143,600	564,700	3,355,800

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Year		Chinook	Sockeye	Coho	Pink	Chum	Total
1924	South Peninsula	3,900	1,352,000	127,300	3,931,300	1,330,700	6,745,200
	North Peninsula	10,500	701,700	0	0	48,400	760,600
	Aleutians	0	24,900	0	673,800	100	698,800
	Total	14,400	2,078,600	127,300	4,605,100	1,379,200	8,204,600
1925	South Peninsula	10,700	820,500	127,100	382,100	1,116,800	2,457,200
	North Peninsula	10,600	400,200	0	0	53,900	464,700
	Aleutians	0	18,600	0	3,800	9,100	31,500
	Total	21,300	1,239,300	127,100	385,900	1,179,800	2,953,400
1926	South Peninsula	9,500	3,071,500	193,800	3,719,700	1,179,800	8,174,300
	North Peninsula	23,900	672,900	0	0	71,500	768,300
	Aleutians	0	1,300	0	521,700	7,800	530,800
	Total	33,400	3,745,700	193,800	4,241,400	1,259,100	9,473,400
1927	South Peninsula	9,600	714,700	125,300	1,455,500	1,299,700	3,604,800
	North Peninsula	16,500	230,600	100	0	87,000	334,200
	Aleutians	0	17,300	0	334,600	0	351,900
	Total	26,100	962,600	125,400	1,790,100	1,386,700	4,290,900
1928	S.Pen & Aleutian	7,700	971,500	96,600	900,900	2,416,300	4,393,000
	North Peninsula	4,600	855,600	0	0	83,500	943,700
	Total	12,300	1,827,100	96,600	900,900	2,499,800	5,336,700
1929	S.Pen & Aleutian	10,500	935,800	84,500	1,793,500	2,429,000	5,253,300
	North Peninsula	4,100	878,000	0	0	145,200	1,027,300
	Total	14,600	1,813,800	84,500	1,793,500	2,574,200	6,280,600
1930	S.Pen & Aleutian	10,900	935,200	161,100	6,094,800	1,278,100	8,480,100
	North Peninsula	3,800	167,700	0	0	93,400	265,200
	Total	14,700	1,102,900	161,100	6,094,800	1,371,800	8,745,300
1931	S.Pen & Aleutian	11,000	1,863,200	128,700	997,900	1,216,000	4,211,800
	North Peninsula	1,300	761,000	0	0	54,900	817,200
	Total	12,300	2,624,200	128,700	997,900	1,265,900	5,029,000
1932	S.Pen & Aleutian	17,400	2,977,300	112,300	3,604,800	817,300	7,529,100
	North Peninsula	3,200	977,100	0	0	56,300	1,036,600
	Total	20,600	3,954,400	112,300	3,604,800	873,600	8,565,700
1933	S.Pen & Aleutian	12,600	1,996,700	190,000	3,109,200	1,173,900	6,482,400
	North Peninsula	1,100	350,100	0	0	16,000	367,200
	Total	13,700	2,346,800	190,000	3,109,200	1,189,900	6,849,600
1934	S.Pen & Aleutian	17,600	1,372,400	247,100	6,538,500	1,940,300	10,115,900
	North Peninsula	1,600	1,091,300	0	400	13,000	1,106,300
	Total	19,200	2,463,700	247,100	6,538,900	1,953,300	11,222,200

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Year		Chinook	Sockeye	Coho	Pink	Chum	Total
1935	S.Pen & Aleutian	13,900	978,400	117,200	5,386,200	2,003,100	8,498,800
	North Peninsula	1,000	479,200	0	100	33,800	514,100
	Total	14,900	1,457,600	117,200	5,386,300	2,036,900	9,012,900
1936	S.Pen & Aleutian	14,400	3,662,600	284,600	9,471,000	2,310,900	15,743,500
	North Peninsula	1,000	610,700	0	2,800	19,000	633,500
	Total	15,400	4,273,300	284,600	9,473,800	2,329,900	16,377,000
1937	S.Pen & Aleutian	9,300	1,558,000	73,900	9,302,000	1,506,700	12,449,900
	North Peninsula	1,600	860,900	0	100	65,600	928,200
	Total	10,900	2,418,900	73,900	9,302,100	1,572,300	13,378,100
1938	S.Pen & Aleutian	6,400	772,100	220,700	7,169,100	1,476,600	9,644,900
	North Peninsula	5,900	1,009,600	0	0	34,700	1,050,200
	Total	12,300	1,781,700	220,700	7,169,100	1,511,300	10,695,100
1939	S.Pen & Aleutian	16,500	1,881,700	98,900	6,005,300	1,440,600	9,443,000
	North Peninsula	3,900	746,200	0	0	82,200	832,300
	Total	20,400	2,527,900	98,900	6,005,300	1,522,800	10,275,300
1940	S.Pen & Aleutian	9,100	1,040,300	184,200	7,182,800	2,326,300	10,472,700
	North Peninsula	700	678,900	0	0	65,600	745,200
	Total	9,800	1,719,200	184,200	7,182,800	2,391,900	11,487,900
1941	S.Pen & Aleutian	13,000	1,072,000	183,000	5,347,000	1,542,000	8,157,800
	North Peninsula	700	491,700	0	3,200	30,200	525,800
	Total	13,700	1,563,700	183,000	5,350,200	1,572,200	8,682,800
1942	S.Pen & Aleutian	4,800	810,100	123,000	6,762,600	1,321,100	9,021,600
	North Peninsula	0	0	0	0	0	0
	Total	4,800	810,100	123,000	6,762,600	1,321,100	9,021,600
1943	S.Pen & Aleutian	21,700	2,397,700	90,600	4,360,200	924,500	7,794,700
	North Peninsula	200	567,400	0	1,300	50,400	619,300
	Total	21,900	2,965,100	90,600	4,361,500	974,900	8,414,000
1944	S.Pen & Aleutian	9,900	538,600	238,700	2,653,800	985,600	4,426,600
	North Peninsula	100	414,700	0	2,600	157,900	575,300
	Total	10,000	953,300	238,700	2,656,400	1,143,500	5,001,900
1945	S.Pen & Aleutian	21,400	813,400	116,100	3,639,600	948,900	5,539,400
	North Peninsula	100	394,400	0	2,500	335,100	732,100
	Total	21,500	1,207,800	116,100	3,642,100	1,284,000	6,271,500
1946	S.Pen & Aleutian	6,100	752,300	151,400	1,964,000	1,219,900	4,093,700
	North Peninsula	2,500	697,700	300	0	36,000	736,500
	Total	8,600	1,450,000	151,700	1,964,000	1,255,900	4,830,200

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Year		Chinook	Sockeye	Coho	Pink	Chum	Total
1947	S.Pen & Aleutian	3,400	1,137,100	55,800	2,319,600	1,219,200	4,735,100
	North Peninsula	100	357,700	100	100	75,000	433,000
	Total	3,500	1,491,800	55,900	2,319,700	1,294,200	5,168,100
1948	S.Pen & Aleutian	1,200	285,900	39,200	1,683,700	1,139,600	3,149,600
	North Peninsula	1,200	477,600	17,200	0	161,700	658,700
	Total	3,400	763,500	56,400	1,683,700	1,301,300	3,808,300
1949	S.Pen & Aleutian	3,800	637,500	19,500	1,544,000	560,900	2,765,700
	North Peninsula	700	137,100	25,700	0	40,700	204,200
	Total	4,500	774,600	45,200	1,544,000	601,600	2,969,900
1950	S.Pen & Aleutian	4,000	1,745,300	70,700	1,613,700	562,500	3,996,200
	North Peninsula	1,100	127,800	37,800	0	217,600	284,300
	Total	5,100	1,873,100	108,500	1,613,700	780,100	4,380,500
1951	South Peninsula	1,500	264,200	55,700	2,844,800	683,100	3,849,300
	North Peninsula	1,200	358,900	32,900	20,400	203,000	616,400
	Aleutians	0	11,700	400	500	94,500	107,100
	Total	2,700	634,800	89,000	2,865,700	980,600	4,572,800
1952	South Peninsula	9,200	894,500	39,200	908,500	1,040,800	2,892,200
	North Peninsula	700	354,800	54,200	1,400	246,900	658,000
	Aleutians	200	42,800	0	31,800	25,700	100,500
	Total	10,100	1,292,100	93,400	941,700	1,313,400	3,650,700
1953	South Peninsula	7,200	1,039,200	47,900	2,743,900	1,464,600	5,302,800
	North Peninsula	800	537,300	26,200	18,300	224,400	807,000
	Aleutians	0	4,200	500	69,200	800	74,700
	Total	8,000	1,580,700	74,600	2,831,400	1,689,800	6,184,500
1954	South Peninsula	4,200	636,300	49,400	2,033,300	1,413,400	4,136,600
	North Peninsula	3,400	354,700	35,000	18,500	405,000	816,600
	Aleutians	0	6,300	800	566,500	200	573,800
	Total	7,600	997,300	85,200	2,618,300	1,818,600	5,527,000
1955	South Peninsula	5,400	550,100	44,800	2,529,200	688,200	3,817,700
	North Peninsula	4,100	586,600	6,200	900	129,600	727,400
	Aleutians	0	12,600	100	31,100	400	44,200
	Total	9,500	1,149,300	51,100	2,561,200	818,200	4,589,300
1956	South Peninsula	4,800	641,400	61,900	2,740,700	1,618,700	5,067,500
	North Peninsula	4,200	1,370,900	8,200	28,500	427,400	1,839,200
	Aleutians	0	400	0	33,900	0	34,300
	Total	9,000	2,012,700	70,100	2,803,100	2,046,100	6,941,000

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Year		Chinook	Sockeye	Coho	Pink	Chum	Total
1957	South Peninsula	5,800	341,900	49,900	913,100	1,281,400	2,592,100
	North Peninsula	1,000	327,900	18,300	3,300	274,900	625,400
	Aleutians	2,300	27,300	100	500	13,900	44,100
	Total	9,100	697,100	68,300	916,900	1,570,200	3,261,600
1958	South Peninsula	800	186,100	70,600	1,385,200	841,000	2,483,700
	North Peninsula	15,000	473,800	57,100	60,400	254,800	861,100
	Aleutians	0	300	0	613,200	3,700	617,200
	Total	15,800	660,200	127,700	2,058,800	1,099,500	3,962,000
1959	South Peninsula	900	217,500	8,500	915,600	711,700	1,854,200
	North Peninsula	28,700	634,900	59,100	9,600	404,700	1,137,000
	Aleutians	0	6,100	0	12,000	100	18,200
	Total	29,600	858,500	67,600	937,200	1,116,500	3,009,400
1960	South Peninsula	1,700	379,000	1,800	1,197,500	904,400	2,484,400
	North Peninsula	10,400	692,800	44,000	34,700	607,200	1,389,100
	Aleutians	0	7,600	0	444,900	300	452,800
	Total	12,100	1,079,400	45,800	1,677,100	1,511,900	4,326,300
1961	South Peninsula	900	456,800	10,400	1,727,800	748,600	2,944,500
	North Peninsula	6,100	387,700	24,600	3,000	153,300	574,700
	Aleutians	0	2,700	0	94,000	200	96,900
	Total	7,000	847,200	35,000	1,824,800	902,100	3,616,100
1962	South Peninsula	3,300	420,000	12,500	1,965,500	824,800	3,226,100
	North Peninsula	5,400	249,700	35,200	31,200	34,900	356,400
	Aleutians	0	5,500	100	2,001,700	1,200	2,008,500
	Total	8,700	675,200	47,800	3,998,400	860,900	5,591,000
1963	South Peninsula	1,900	204,400	16,500	2,367,700	461,300	3,051,800
	North Peninsula	3,600	225,200	40,500	6,900	49,900	326,100
	Aleutians	0	4,500	0	93,900	300	98,700
	Total	5,500	434,100	57,000	2,468,500	511,500	3,476,600
1964	South Peninsula	2,000	370,800	13,600	2,740,400	751,000	3,877,800
	North Peninsula	3,600	250,800	36,600	6,800	139,000	436,800
	Aleutians	0	200	0	194,100	2,300	196,600
	Total	5,600	621,800	50,200	2,941,300	892,300	4,511,200
1965	South Peninsula	2,100	915,700	34,200	2,884,100	556,400	4,392,500
	North Peninsula	6,100	199,500	34,500	2,100	69,700	311,900
	Aleutians	0	0	0	0	0	0
	Total	8,200	1,115,200	68,700	2,886,200	626,100	4,704,400

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Year		Chinook	Sockeye	Coho	Pink	Chum	Total
1966	South Peninsula	1,400	606,200	6,300	302,300	494,400	1,410,600
	North Peninsula	5,600	245,300	37,300	16,000	82,800	387,000
	Aleutians	0	1,000	0	63,500	700	65,200
	Total	7,000	852,500	43,600	381,800	577,900	1,862,800
1967	South Peninsula	1,600	294,100	2,900	77,800	245,200	621,600
	North Peninsula	5,500	224,700	46,800	700	41,300	319,000
	Aleutians	0	200	0	7,900	0	8,100
	Total	7,100	519,000	49,700	86,400	286,500	948,700
1968	South Peninsula	1,400	699,800	31,100	1,287,100	325,300	2,344,700
	North Peninsula	4,500	237,100	64,900	200	73,500	380,200
	Aleutians	0	2,000	100	902,800	800	905,700
	Total	5,900	938,900	96,100	2,190,100	399,600	3,630,600
1969	South Peninsula	1,900	912,800	10,900	1,219,400	389,200	2,534,200
	North Peninsula	4,800	321,300	49,100	100	28,100	403,400
	Aleutians	0	1,900	0	242,200	1,500	245,600
	Total	6,700	1,236,000	60,000	1,461,700	418,800	3,183,200
1970	South Peninsula	1,806	1,779,525	32,571	1,737,985	993,349	4,545,236
	North Peninsula	3,832	187,793	26,327	7,904	47,989	273,845
	Aleutians	6	208	135	644,121	3,029	647,499
	Total	5,644	1,967,526	59,033	2,390,010	1,044,367	5,466,580
1971	South Peninsula	2,174	716,087	16,907	1,445,031	1,365,957	3,546,156
	North Peninsula	2,187	353,784	8,222	297	64,154	428,644
	Aleutians	0	333	2	45,114	58	45,507
	Total	4,361	1,070,204	25,131	1,490,442	1,430,169	4,020,307
1972	South Peninsula	1,332	557,422	8,021	78,221	731,814	1,376,810
	North Peninsula	1,790	179,325	9,684	129	84,687	275,615
	Aleutians	0	69	1	2,784	6	2,860
	Total	3,122	736,816	17,706	81,134	816,507	1,655,285
1973	South Peninsula	415	330,091	6,599	58,051	292,943	688,099
	North Peninsula	2,627	165,390	19,776	143	152,773	340,709
	Aleutians	0	0	0	2,042	0	2,042
	Total	3,042	495,481	26,375	60,236	445,716	1,030,850
1974	South Peninsula	581	197,153	9,366	100,601	71,826	379,527
	North Peninsula	2,720	246,209	16,799	10,599	34,417	310,744
	Aleutians	0	0	0	0	0	0
	Total	3,301	443,362	26,165	111,200	106,243	690,271

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Year		Chinook	Sockeye	Coho	Pink	Chum	Total
1975	South Peninsula	117	243,548	67	60,642	130,750	435,124
	North Peninsula	2,093	233,293	28,355	295	8,770	272,806
	Aleutians	0	19,402	0	659	1,881	21,942
	Total	2,210	496,243	28,422	61,596	141,401	729,872
1976	South Peninsula	2,196	375,027	216	2,366,833	532,503	3,276,775
	North Peninsula	4,953	641,134	26,061	672	73,589	746,409
	Aleutians	0	0	0	0	0	0
	Total	7,149	1,016,161	26,277	2,367,505	606,092	4,023,184
1977	South Peninsula	559	311,722	2,108	1,448,648	243,167	2,006,204
	North Peninsula	5,489	472,006	34,137	888	129,168	641,688
	Aleutians	0	0	0	0	0	0
	Total	6,048	783,728	36,245	1,449,536	372,335	2,647,892
1978	South Peninsula	773	579,411	60,774	5,590,145	546,182	6,777,285
	North Peninsula	14,258	896,616	63,341	485,224	163,804	1,623,243
	Aleutians	0	1,829	0	38,109	6	39,944
	Total	15,031	1,477,856	124,115	6,113,478	709,992	8,440,472
1979	South Peninsula	2,141	1,149,927	356,867	6,564,914	482,930	8,556,779
	North Peninsula	17,107	1,979,167	112,835	4,994	65,711	2,179,814
	Aleutians	0	12,206	0	539,393	242	551,841
	Total	19,248	3,141,300	469,702	7,109,301	548,883	11,288,434
1980	South Peninsula	4,794	3,613,025	274,181	7,861,470	1,353,112	13,106,582
	North Peninsula	16,805	1,397,119	127,878	301,672	700,197	2,543,671
	Aleutians	2	9,226	2	2,597,461	4,874	2,611,565
	Total	21,601	5,019,370	402,061	10,760,603	2,058,183	18,261,818
1981	South Peninsula	11,182	2,241,513	162,223	5,033,028	1,768,475	9,216,421
	North Peninsula	18,875	1,844,335	155,420	11,217	706,818	2,736,665
	Aleutians	16	5,430	188	302,786	6,553	314,973
	Total	30,073	4,091,278	317,831	5,347,031	2,481,846	12,268,059
1982	South Peninsula	9,845	2,345,981	256,046	6,734,905	2,272,495	11,619,272
	North Peninsula	30,113	1,435,280	238,016	12,321	331,133	2,046,863
	Aleutians	0	2,672	28	1,447,818	6,148	1,456,666
	Total	39,958	3,783,933	494,090	8,195,044	2,609,776	15,122,801
1983	South Peninsula	26,571	2,556,557	127,657	2,827,622	1,704,072	7,242,479
	North Peninsula	29,479	2,093,374	75,138	3,404	348,722	2,550,117
	Aleutians	0	4,405	0	2,005	11,361	17,771
	Total	56,050	4,654,336	202,795	2,833,031	2,064,155	9,810,367

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Year		Chinook	Sockeye	Coho	Pink	Chum	Total
1984[b]	South Peninsula	9,198	2,318,028	310,950	11,589,258	1,654,622	15,882,056
	North Peninsula	22,966	1,734,856	198,582	27,419	796,728	2,780,551
	Aleutians	26	67,163	1,923	2,309,665	32,025	2,410,802
	Total	32,190	4,120,047	511,455	13,926,342	2,483,375	21,073,409
1985	South Peninsula	6,642	2,144,416	172,514	4,431,016	1,348,726	8,103,314
	North Peninsula	23,528	2,596,081	176,118	3,054	666,631	3,465,412
	Aleutians	40	2,750	0	90	14,175	17,055
	Total	30,210	4,743,247	348,632	4,434,160	2,029,532	11,585,781
1986	South Peninsula	5,589	1,223,089	235,854	4,031,487	1,749,651	7,245,670
	North Peninsula	11,740	2,463,735	164,071	22,630	271,216	2,933,392
	Aleutians	11	7,702	60	42,621	38,819	89,213
	Total	17,340	3,694,526	399,985	4,096,738	2,059,686	10,268,275
1987	South Peninsula	9,174	1,449,753	225,120	1,208,556	1,376,887	4,268,490
	North Peninsula	14,186	1,209,435	171,784	3,486	368,696	1,767,587
	Aleutians	0	75	0	0	0	75
	Total	23,360	2,659,263	396,904	1,212,042	1,744,583	6,036,152
1988	South Peninsula	11,075	1,473,651	505,533	7,044,824	1,908,507	10,943,590
	North Peninsula	16,805	1,528,116	233,966	65,242	393,077	2,237,206
	Aleutians	0	4,315	7	183,109	450	187,881
	Total	27,880	3,006,082	739,506	7,293,175	2,302,034	13,368,677
1989	South Peninsula	7,065	2,660,800	443,843	7,292,658	994,231	11,398,597
	North Peninsula	10,948	1,718,716	227,551	4,103	157,177	2,118,495
	Aleutians	0	8,248	0	6,700	0	14,948
	Total	18,013	4,387,764	671,394	7,303,461	1,151,408	13,532,040
1990	South Peninsula	16,522	2,386,844	307,218	2,865,856	1,237,826	6,814,266
	North Peninsula	12,320	2,416,047	192,978	517,724	126,113	3,265,182
	Aleutians	2	12,435	74	282,823	1,038	296,372
	Total	28,844	4,815,326	500,270	3,666,403	1,364,977	10,375,820
1991	South Peninsula	7,975	2,319,942	317,129	10,616,756	1,588,795	14,850,597
	North Peninsula	9,372	2,391,411	218,274	4,249	191,283	2,814,589
	Aleutians	0	796	0	0	0	796
	Total	17,347	4,712,149	535,403	10,621,005	1,780,078	17,665,982
1992	South Peninsula	8,026	3,445,914	418,232	9,770,386	1,316,709	14,959,267
	North Peninsula	13,144	3,575,511	206,813	194,395	341,616	4,331,479
	Aleutians	0	3,082	0	312,072	1,230	316,384
	Atka-Amlia	0	231	42	7,972	308	8,553
	Total	21,170	7,024,738	625,087	10,284,825	1,659,863	19,615,683

-Continued-

Year		Chinook	Sockeye	Coho	Pink	Chum	Total
1993	South Peninsula	14,413	3,689,074	220,148	9,928,107	1,048,257	14,899,999
	North Peninsula	23,585	3,866,593	64,376	5,328	134,960	4,094,842
	Aleutians	0	0	0	0	0	0
	Atka-Amlia	0	24	4	145	563	736
	Total	37,998	7,555,691	284,528	9,933,580	1,183,780	18,995,577
1994	South Peninsula	10,002	2,107,233	255,905	9,179,853	2,192,079	13,745,072
	North Peninsula	18,646	2,752,909	241,249	225,386	83,793	3,321,983
	Aleutians	0	47	6	858,787	617	859,457
	Atka-Amlia	0	16	0	896	0	912
	Total	28,648	4,860,205	497,160	10,264,922	2,276,489	17,927,424
1995	South Peninsula	17,469	3,017,002	264,347	16,311,771	1,728,013	21,338,602
	North Peninsula	7,571	3,272,758	135,639	12,171	99,294	3,527,433
	Aleutians	-	-	-	-	-	-
	Atka-Amlia	-	-	-	-	-	-
	Total	25,040	6,289,760	399,986	16,323,942	1,827,307	24,866,035

[a] Includes test fish catch figures.

[b] During June 18, 1984 fishers harvested 23 chinook, 63,929 sockeye, 1,900 coho, 18,950 pink, and 8,409 chum salmon in Unimak Pass. Unimak Pass was defined as closed to commercial salmon fishing under the Alaska Peninsula portion of the finfish regulations but open to commercial salmon fishing under the Aleutian Islands portion of the finfish regulation book. After 1984, regulations were passed through the Alaska Board of Fish closing the Unimak Pass area to commercial salmon fishing until at least July 10. Harvest numbers include test fish catches.

Appendix B.2. Alaska Peninsula and Aleutian Islands Management Areas salmon harvest in numbers of fish by statistical area. section, and district, 1995.

Statistical Area	Section	Number of Salmon					
		Chinook	Sockeye	Coho	Pink	Chum	Total
SOUTH PENINSULA							
SOUTHEASTERN DISTRICT							
281-15	Kupreanof Point	69	27,920	13,958	158,595	15,908	216,450
281-25	Island & Fox Bays	103	144,533	16,010	167,029	30,572	358,247
East Stepovak Section Total		172	172,453	29,968	325,624	46,480	574,697
281-30	Stepovak Flats Section	9	2,112	0	5,908	13,429	21,458
281-40	Grub Gulch/Clark Bay	16	11,492	748	146,036	17,531	175,823
281-50	Orzinski Bay	5	62,220	60	18,738	3,802	84,825
281-55	American Bay	3	13,823	767	19,212	3,831	37,636
281-60	Blunt Pt. to Dorenoi Bay	11	17,371	972	389,849	23,492	431,695
Northwest Stepovak Section Total		35	104,906	2,547	573,835	48,656	729,979
281-70	Southwest Stepovak Section	176	56,309	9,273	510,921	27,871	604,550
281-80	Balboa Bay Section	88	58,226	6,443	649,533	48,756	763,046
281-90	Beaver Bay Section	18	5,469	316	46,719	1,784	54,306
Southeastern Dist. Mainland Total		***498***	***399,475***	***48,547***	***2,112,540***	***186,976***	***2,748,036***

-Continued-

Statistical Area	Section	Number of Salmon					
		Chinook	Sockeye	Coho	Pink	Chum	Total
282-10	Popof Strait/Squaw Harbor	27	29,093	2,388	679,479	6,435	717,422
282-11	Unga Cape/East Popof	6,300	495,237	116,584	2,855,586	334,261	3,807,968
282-20	Acheredin Bay	31	55,848	1,230	81,700	9,106	147,915
282-25	West Unga Island	48	86,172	4,757	414,293	28,995	534,265
282-30	Bay Point	2	1,452	10	51,396	2,237	55,097
282-35	Zachary Bay	15	3,197	197	642,227	12,921	658,557
282-40	East Head/West Head	3	2,752	342	3,003	617	6,717
282-42	Korovin Island	1,978	201,886	31,388	235,941	89,726	560,919
282-45	Cape Wedge/NE Nagai	68	7,633	1,053	18,382	4,601	31,737
282-65	Southeast Nagai	331	7,864	1,116	57,028	2,046	68,385
282-70	Southwest Nagai	51	69,001	6,731	353,917	15,760	445,460
282-75	Cape Horn/Porpoise Rocks	5	2,399	96	847	541	3,888
282-80	East Nagai Strait	2	397	0	0	426	825
Shumagin Islands Section Total		***8,861***	***962,931***	***165,892***	***5,393,799***	***507,672***	***7,039,155***
SOUTHEASTERN DISTRICT TOTAL		***9,359***	***1,362,406***	***214,439***	***7,506,339***	***694,648***	***9,787,191***
SOUTH CENTRAL DISTRICT							
283-15	Mino Creek	0	1,200	45	6,440	75	7,760
283-17	Coal Bay	7	36,580	750	1,232,297	14,950	1,284,584
Mino Cr.-Little Coal B. Sect. Total		7	37,780	795	1,238,737	15,025	1,292,344

-Continued-

Statistical Area	Section	Number of Salmon					
		Chinook	Sockeye	Coho	Pink	Chum	Total
283-21	Northside Cape Tolstoi	0	2,140	17	51,097	3,443	56,697
283-23	Eastside Pavlof Bay	11	19,072	821	1,265,246	20,541	1,305,691
East Pavlof Bay Section Total		11	21,212	838	1,316,343	23,984	1,362,388
283-24	Canoe Bay Section	13	612	43	965,115	117,611	1,083,394
283-25	Northwest Pavlof Bay	0	317	0	115	6,423	6,855
283-26	Long Beach/Ukolnoi	10	7,957	1,435	404,879	13,784	428,065
West Pavlof Bay Section Total		10	8,274	1,435	404,994	20,207	434,920
SOUTH CENTRAL DISTRICT TOTAL		**41**	**57,878**	**3,111**	**3,925,189**	**176,827**	**4,173,046**
SOUTHWESTERN DISTRICT							
284-36	Volcano Bay	0	588	115	260,183	236,598	497,484
284-37	Northside Dolgoi Island	19	42,460	6,494	210,676	15,439	275,088
284-38	South Dolgoi/Moss Cape	75	22,562	3,017	1,093,544	19,394	1,138,592
Volcano Bay Section Total		94	65,610	9,626	1,564,403	271,431	1,911,164
284-42	Belkofski Bay	8	6,732	257	874,831	38,084	919,912
284-45	King Cove	1	3,893	82	199,704	7,777	211,457
Belkofski Bay Section Total		9	10,625	339	1,074,535	45,861	1,131,369

-Continued-

Statistical Area	Section	Number of Salmon					
		Chinook	Sockeye	Coho	Pink	Chum	Total
284-55 Deer Island Section		6	7,974	261	1,966,737	13,243	1,988,221
284-62	Outer Cold Bay	0	2,519	28	2,274	4,066	8,887
284-65	Lenard Harbor	0	57	0	81,974	39,476	121,507
284-67	Inner Cold Bay	0	106	2	5,121	91,687	96,916
Cold Bay Section Total		0	2,682	30	89,369	135,229	227,310
284-75	Thin Point Section	0	19,828	3,909	13,819	15,127	52,683
284-80	Morzhovoi Bay Section	117	12,660	791	11,118	7,886	32,572
284-90	Ikatan Bay Section	1,558	208,376	27,396	54,123	62,810	354,263
SOUTHWESTERN DISTRICT TOTAL		1,784	327,755	42,352	4,774,104	551,587	5,697,582
UNIMAK DISTRICT							
285-10	Sanak Island Section	0	98	0	0	0	98
285-20	Bird Island	907	269,624	347	8,890	71,155	350,923
285-30	Cape Lazaref	918	225,234	198	22,523	67,659	316,532
Otter Cove Section Total		1,825	494,858	545	31,413	138,814	667,455
285-40	Cape Lutke Section	4,460	764,007	3,900	74,726	166,137	1,013,230

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Appendix B.2. (page 5 of 6)

Statistical Area	Section	Number of Salmon					
		Chinook	Sockeye	Coho	Pink	Chum	Total
UNIMAK DISTRICT TOTAL		***6,285***	***1,258,963***	***4,445***	***106,139***	***304,951***	***1,680,783***
SOUTH PENINSULA TOTAL		**17,469**	**3,017,002**	**264,347**	**16,311,771**	**1,728,013**	**21,338,602**
NORTH PENINSULA							
NORTHWESTERN DISTRICT							
311-32	Urilia Bay Section	7	12,829	2,201	1,007	14	16,058
311-52	Swanson Lagoon Section	1	5,134	1,755	308	2,696	9,894
311-60	Bechevin Bay Section	0	2	0	62	14,917	14,981
312-40	Moffet Bay (Izembek-Moffet Bay Section Total)	2	7,269	1,681	7	9,078	18,037
NORTHWESTERN DISTRICT TOTAL		***10***	***25,234***	***5,637***	***1,384***	***26,705***	***58,970***
NORTHERN DISTRICT							
313-10	Black Hills Section	8	3,569	0	12	257	3,846
313-30	Nelson Lagoon Section	3,488	448,281	44,118	78	4,583	500,548
314-20	Herendeen-Moller Bay Section Total	0	4	0	0	2,120	2,124

-Continued-

Appendix B.2. (page 6 of 6)

Statistical Area	Section	Number of Salmon					
		Chinook	Sockeye	Coho	Pink	Chum	Total
314-12	Port Moller Bight Section	14	5,933	58	78	379	6,462
315-11	Bear River	792	1,083,691	9,408	4,686	29,949	1,128,526
315-20	Muddy River	70	452,357	6,094	1,890	6,988	467,399
Bear River Section Total		862	1,536,048	15,502	6,576	36,937	1,595,925
316-10 Three Hills Section		444	931,168	9,548	2,220	14,160	957,540
316-20	Outside Ilnik	66	173,242	4,767	918	8,279	187,272
316-22	Ilnik Lagoon	11	2,291	3,021	0	0	5,323
316-25	Strogonof Point	72	144,940	4,823	905	5,715	156,455
Ilnik Section Total		149	320,473	12,611	1,823	13,994	349,050
317-20	Inner Port Heiden Sect.	2,261	768	12,115	0	109	15,253
318-20	Cinder River Section	335	1,280	36,050	0	50	37,715
NORTHERN DISTRICT TOTAL		***7,561***	***3,247,524***	***130,002***	***10,787***	***72,589***	***3,468,463***
NORTH PENINSULA TOTAL		**7,571**	**3,272,758**	**135,639**	**12,171**	**99,294**	**3,527,433**
ALASKA PENINSULA AREA TOTAL [a,b]		***25,040***	***6,289,760***	***399,986***	***16,323,942***	***1,827,307***	***24,866,035***

[a] No landings during 1995 in either the Aleutian Islands or Atka-Amlia Islands Areas.

[b] This table includes test fish catches, all of which were from the Shumagin Islands Section and Unimak District.

Appendix B.3. Alaska Peninsula, Aleutian Islands, and Atka-Amlia Islands Management Areas catch by gear, species, and estimated value, 1995.[a]

	Chinook		Sockeye		Coho		Pink		Chum		Total	
	Number	Est. Value $	Number	Est. Value $	Number	Est. Value $	Number	Est. Value $	Number	Est. Value $	Number	Est. Value $
Area M												
Seine	12,861	215,270	1,542,677	9,365,000	193,883	492,000	15,575,791	9,460,760	1,409,401	2,118,300	18,734,613	21,651,330
Drift Gillnet	4,970	66,220	3,730,193	22,170,800	80,241	187,010	58,731	29,600	263,980	421,550	4,138,115	22,875,180
Set Gillnet	4,222	47,650	994,193	5,860,000	74,036	227,000	680,242	385,770	140,821	200,578	1,893,514	6,720,998
Total	**22,053**	**329,140**	**6,267,063**	**37,395,800**	**348,160**	**906,010**	**16,314,764**	**9,876,130**	**1,814,202**	**2,740,428**	**24,766,242**	**51,247,508**
Area T												
Drift Gillnet	2,081	25,000	1,195	700	41,075	150,000	0	0	48	50	44,399	175,750
Set Gillnet	515	6,400	853	300	7,090	24,500	0	0	111	125	8,569	31,325
Total	**2,596**	**31,400**	**2,048**	**1,000**	**48,165**	**174,500**	**0**	**0**	**159**	**175**	**52,968**	**207,075**
Grand Total												
Seine	12,861	215,270	1,542,677	9,365,000	193,883	492,000	15,575,791	9,460,760	1,409,401	2,118,300	18,734,613	21,651,330
Drift Gillnet	7,051	91,220	3,731,388	22,171,500	121,316	337,010	58,731	29,600	264,028	421,600	4,182,514	23,050,930
Set Gillnet	4,737	54,050	995,046	5,860,300	81,126	251,500	680,242	385,770	140,932	200,703	1,902,083	6,752,323
Total	**24,649**	**360,540**	**6,269,111**	**37,396,800**	**396,325**	**1,080,510**	**16,314,764**	**9,876,130**	**1,814,361**	**2,740,603**	**24,819,210**	**51,454,583**

[a] Figures do not include test fish catches.

Appendix C.1. Subsistence salmon harvest by community and species, in number of fish, Alaska Peninsula Area and Unalaska Island, 1985-1995.

Year	Permits Issued	Chinook	Sockeye	Coho	Pink	Chum	Total
SAND POINT							
1985	60	30	1,410	1,686	420	1,146	4,692
1986	75	45	2,505	1,208	1,560	1,005	6,323
1987	84	87	2,018	1,508	1,160	1,114	5,887
1988	74	146	2,694	853	1,326	1,175	6,194
1989	86	53	6,347	1,050	731	1,149	9,330
1990	80	160	5,648	620	429	1,051	7,908
1991	84	420	6,636	1,092	1,260	2,772	12,180
1992	76	318	4,733	518	1,228	1,036	7,833
1993	76	446	6,435	952	671	996	9,500
1994	92	454	5,838	1,890	1,369	3,100	12,651
1995	73	271	5,993	983	1,597	1,274	10,118
1991-95 AVG.	80.2	381.8	5,927.0	1,087.0	1,225.0	1,835.6	10,456.4
KING COVE							
1985	39	0	784	3,292	105	20	4,201
1986	24	2	1,834	919	14	120	2,889
1987	39	3	2,320	1,662	206	334	4,525
1988	28	3	555	2,855	265	43	3,721
1989	39	3	1,982	1,973	294	690	4,942
1990	43	24	1,054	2,832	265	367	4,542
1991	60	0	1,477	3,611	225	386	5,699
1992	61	9	1,452	2,891	327	1,177	5,856
1993	59	33	2,021	3,868	259	625	6,865
1994	48	43	2,249	3,247	370	679	6,588
1995	66	46	3,300	3,080	534	1177	8,137
1991-95 AVG.	58.8	26.2	2,099.8	3,339.4	343.0	808.8	6,629.0
COLD BAY							
1985	10	0	293	84	34	3	414
1986	18	0	184	264	14	26	488
1987	10	0	293	84	34	3	414
1988	24	0	737	66	2	0	805
1989	18	0	231	55	4	22	312
1990	14	0	322	70	1	22	415
1991	23	0	517	30	6	4	557
1992	15	0	336	38	0	0	374
1993	23	0	473	89	3	15	580
1994	16	0	325	88	4	3	420
1995	17	0	307	84	0	10	401
1991-95 AVG.	18.8	0	391.6	65.8	2.6	6.4	466.4

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Year	Permits Issued	Chinook	Sockeye	Coho	Pink	Chum	Total
FALSE PASS							
1985	10	30	578	1,858	13	395	2,874
1986	12	13	158	215	188	299	873
1987	12	14	103	443	163	389	1,112
1988	10	11	401	834	29	192	1,467
1989	7	0	231	55	4	22	312
1990	9	1	170	193	19	79	462
1991	17	17	724	500	354	165	1,760
1992	12	12	1,082	502	242	248	2,086
1993	14	23	848	397	156	272	1,696
1994	14	36	906	318	347	354	1,961
1995	15	27	888	179	252	426	1,772
1991-95 AVG.	14.4	23.0	889.6	379.2	270.2	293.0	1,855.0
NELSON LAGOON/PORT MOLLER							
1985	9	5	207	252	2	0	466
1986	9	13	284	302	3	5	607
1987	10	22	245	254	5	14	540
1988	13	26	284	184	0	25	519
1989	9	21	250	227	0	11	509
1990	8	11	291	224	0	0	526
1991	8	20	370	139	1	4	534
1992	9	17	298	191	7	12	525
1993	11	16	561	230	9	26	842
1994	11	71	336	241	6	0	654
1995	10	63	450	429	0	0	942
1991-95 AVG.	9.8	37.4	403	246	4.6	8.4	699.4
PORT HEIDEN							
1985	6	9	176	0	0	0	185
1986	4	28	282	0	0	0	310
1987	10	66	193	229	0	36	524
1988	10	69	268	134	23	105	599
1989	4	7	222	28	1	4	262
1990	3	21	107	20	0	27	175
1991	6	39	775	25	3	120	562
1992	3	21	104	10	0	25	160
1993	3	80	71	0	0	0	151
1994	2	24	196	0	0	50	270
1995	3	50	119	160	0	0	329
1991-95 AVG.	3.4	42.8	253	39	0.6	39	294.4

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Appendix C.1. (page 3 of 4)

Year	Permits Issued	Chinook	Sockeye	Coho	Pink	Chum	Total
ALASKA PENINSULA AREA LOCAL COMMUNITY RESIDENTS							
1985	134	74	3,448	7,172	574	1,564	12,832
1986	142	101	5,247	2,908	1,779	1,455	11,490
1987	185	192	5,499	4,251	1,547	1,941	13,430
1988	159	255	4,939	4,926	1,645	1,540	13,305
1989	163	88	9,368	3,433	1,205	1,923	16,017
1990	166	217	7,592	3,959	714	1,546	14,028
1991	198	457	9,998	5,413	1,820	3,372	21,060
1992	176	377	8,005	4,150	1,804	2,498	16,834
1993	186	598	10,409	5,536	1,098	1,934	19,575
1994	183	628	9,850	5,784	2,096	4,186	22,544
1995	184	457	11,057	4,915	2,383	2,887	21,699
1991-95 AVG.	185.4	503.4	9,863.8	5,159.6	1,840.2	2,975.4	20,342.4
ALASKA PENINSULA AREA NON-LOCAL COMMUNITY RESIDENTS							
1985	27	0	589	332	0	2	923
1986	5	0	149	88	0	0	237
1987	6	1	278	8	0	2	289
1988	24	2	562	720	21	152	1,457
1989	25	0	1,036	72	8	181	1,297
1990	35	29	996	70	22	43	1,160
1991	51	1	1,347	138	58	179	1,723
1992	53	8	2,734	117	36	76	2,971
1993	76	17	2,069	217	91	63	2,457
1994	73	46	2,034	302	110	220	2,712
1995	76	35	1,659	106	270	482	2,552
1991-95 AVG.	65.8	21.4	1,968.6	176.0	113.0	204.0	2,483.0
TOTAL ALASKA PENINSULA AREA							
1985	161	74	4,037	7,504	574	1,566	13,755
1986	147	101	5,396	2,996	1,779	1,455	11,727
1987	191	193	5,777	4,259	1,547	1,943	13,719
1988	183	257	5,501	5,646	1,666	1,692	14,762
1989	188	88	10,404	3,505	1,213	2,104	17,314
1990	201	246	8,588	4,029	736	1,589	15,188
1991	249	458	11,345	5,551	1,878	3,551	22,783
1992	229	385	10,739	4,267	1,840	2,574	19,805
1993	262	615	12,478	5,753	1,189	1,997	22,032
1994	256	674	11,884	6,086	2,206	4,406	25,256
1995	260	492	12,716	5,021	2,653	3,369	24,251
1991-95 AVG.	251.2	524.8	11,832.4	5,335.6	1,953.2	3,179.4	22,825.4

-Continued-

Appendix C.1. (page 4 of 4)

Year	Permits Issued	Chinook	Sockeye	Coho	Pink	Chum	Total
UNALASKA LOCAL COMMUNITY RESIDENTS							
1985	65	0	897	208	1,293	20	2,418
1986	121	0	3,449	847	2,468	375	7,139
1987	81	0	1,097	378	1,780	151	3,406
1988	74	1	962	390	2,626	83	4,062
1989	70	2	1,064	470	1,292	36	2,864
1990	94	4	2,357	681	1,428	100	4,570
1991	89	0	1,294	666	1,075	45	3,080
1992	144	7	2,739	587	1,723	11	5,067
1993	137	17	2,831	697	587	136	4,268
1994	150	1	2,759	774	1,053	48	4,635
1995	159	23	4,446	480	784	23	5,756
1991-95 AVG.	135.8	9.6	2,813.8	640.8	1,044.4	52.6	4,561.2
UNALASKA-ALEUTIAN ISLANDS NON-LOCAL COMMUNITY RESIDENTS							
1985	0	0	0	0	0	0	0
1986	0	0	0	0	0	0	0
1987	0	0	0	0	0	0	0
1988	3	2	4	0	1	0	7
1989	4	0	48	0	0	0	48
1990	2	0	0	0	0	0	0
1991	0	0	0	0	0	0	0
1992	0	0	0	0	0	0	0
1993	2	0	0	0	0	0	0
1994	0	0	0	0	0	0	0
1995	1	0	38	4	7	0	49
1991-95 AVG.	0.6	0	7.6	0.8	1.4	0	9.8
TOTAL UNALASKA							
1985	65	0	897	208	1,293	20	2,418
1986	121	0	3,449	847	2,468	375	7,139
1987	81	0	1,097	378	1,780	151	3,406
1988	77	3	966	390	2,627	83	4,069
1989	74	2	1,112	470	1,292	36	2,912
1990	94	4	2,357	681	1,428	100	4,570
1991	89	0	1,294	666	1,075	45	3,080
1992	144	7	2,739	587	1,723	11	5,067
1993	139	17	2,831	697	587	136	4,268
1994	150	1	2,759	774	1,053	48	4,635
1995	160	23	4,484	484	791	23	5,805
1991-95 AVG.	136.4	9.6	2,821.4	641.6	1,045.8	52.6	4,571.0

Appendix C.2. Subsistence salmon harvest by community and species, in number of fish, 1995.

Community	Permits Issued	Permits Returned	Percent Returned	Estimated Catch					
				Chinook	Sockeye	Coho	Pink	Chum	Total
Alaska Peninsula									
Sand Point	73	51	70.0	271	5,993	983	1,597	1,274	10,118
King Cove	66	47	71.2	46	3,330	3,080	534	1,177	8,137
Cold Bay	17	15	88.2	0	307	84	0	10	401
False Pass	15	14	93.3	27	888	179	252	426	1,772
Nelson Lgn/ Pt. Moller	10	7	70.0	63	450	429	0	0	942
Port Heiden	3	3	100.0	50	119	160	0	0	329
Total Alaska Peninsula Area Residents	184	137	74.5	457	11,057	4,915	2,383	2,887	21,699
Non-Local Alaska Residents	76	61	80.3	35	1,659	106	270	482	2,552
Total Alaska Peninsula Area	260	198	76.2	492	12,716	5,021	2,653	3,369	24,251
Unalaska									
Local Residents	159	129	81.1	23	4,446	480	784	23	5,756
Non-Local Residents	1	0	0.0	0	38	4	7	0	49
Total Unalaska	160	129	80.6	23	4,484	484	791	23	5,805

Appendix C.3. Adak-Kagalaska Islands estimated personal use salmon catches, 1988-1995.

Year	Permits Issued	Permits Returned	Percent Returned	Estimated Catch					
				Chinook	Sockeye	Coho	Pink	Chum	Total
1988	43	29	67.4	0	503	23	150	0	676
1989	64	47	73.3	0	382	0	117	0	499
1990	61	29	47.5	0	800	47	41	0	888
1991	37	31	86.5	0	281	6	34	0	321
1992	52	41	78.8	0	572	30	4	0	606
1993	36	26	72.2	0	638	12	26	0	676
1994 [a]	0	0	0.0	0	0	0	0	0	0
1995	4	3	75.0	0	156	0	0	0	156
1988-93 Average	49	34	69.4	0	529	20	62	0	611

[a] U.S. Navy presence at Adak was reduced; there were no requests for personal use salmon permits.

Appendix C.4. Average subsistence salmon harvest by species, in percent, by successful permit holder, for selected locations, 1995.

Community	Chinook	Sockeye	Coho	Pink	Chum	Total
Sand Point	2.7	59.2	9.7	15.8	12.6	100.0
King Cove	0.5	40.6	37.8	6.6	14.5	100.0
Cold Bay	0	76.6	20.9	0	2.5	100.0
False Pass	1.5	50.1	10.1	14.2	24.1	100.0
Nelson Lagoon/ Port Moller	6.7	47.8	45.5	0	0	100.0
Port Heiden	15.2	36.2	48.6	0	0	100.0
Unalaska	0.4	77.2	8.4	13.6	0.4	100.0
Non Local Residents	1.4	65.2	4.2	10.7	18.5	100.0

Appendix C.5. Average subsistence salmon harvest, in number of fish, per successful permit holder, Alaska Peninsula Area and Unalaska Island, 1987-1995.

	Year									
Community	1987	1988	1989	1990	1991	1992	1993	1994	1995	Average
Sand Point	101	119	123	152	176	140	173	151	132	140.8
King Cove	156	149	155	134	124	134	145	153	140	143.3
Cold Bay	43	38	25	32	29	25	39	38	36	33.9
False Pass	101	163	126	69	104	174	130	140	136	127.0
Nelson Lagoon/Port Moller	77	58	57	66	67	77	84	65	94	71.7
Port Heiden	52	86	87	88	141	80	50	135	165	98.2
Unalaska Island	79	78	58	55	55	52	48	38	49	56.9

Appendix C.6. Mortensen's Lagoon subsistence and commercial sockeye and coho salmon harvests, in numbers of fish, 1995.

	Permits	Sockeye	Coho
Subsistence Harvest [a]			
Cold Bay Residents	11	307	84
King Cove Residents	13	638	60
Out of Area Residents	39	995	31
Total Subsistence Harvest	63	1,940	175
Commercial Harvest [b]	12	2,519	28
Total Harvest		4,459	147

[a] The number of permit holders and the number of salmon harvested are extrapolated from returned permits.

[b] The commercial harvest includes all of statistical area 284-62 (formerly 283-32); some of the salmon caught may have been destined for systems other than Mortensen's Lagoon.

The estimated total sockeye escapement was 8,300 fish. Coho escapement data is unavailable.

Appendix C.7. Thin Point Cove subsistence and commercial sockeye and coho salmon harvests, 1995.

Fishery	Estimated Permit Holders	Sockeye	Coho
Subsistence[a]	17	1,307	1,348
Commercial[b]	14	19,828	3,909
Total Harvest		21,135	5,257

a The number of subsistence permit holders fishing Thin Point Cove and the number of salmon harvested are extrapolated from returned permit. All subsistence fishermen using Thin Point Cove during 1995, were believed to be residents of King Cove.

b Commercial harvest information was from the fish ticket database.

The estimated total sockeye escapement was 31,740 salmon. The peak coho escapement estimate was 13,000 salmon.

Appendix C.8. Reese Bay (Unalaska Island) sockeye subsistence salmon harvest, 1995.

Estimated Permits[a]	Sockeye
82	3,985

[a] The number of permit holders and salmon harvested are extrapolated from returned permits.

Appendix C.9. Estimated Mortensen Lagoon, Thin Point Cove, and Reese Bay subsistence salmon harvest, 1982-1995.

	Mortensen's Lagoon			Thin Point Cove			Reese (Wislow) Bay	
Year	Permits	Sockeye	Coho	Permits	Sockeye	Coho	Permits	Sockeye
1982	30	590	1,145	-	-	-	-	-
1983	41	300	1,600	-	-	-	-	-
1984	27	745	500	-	-	-	-	-
1985	22	590	831	-	-	-	23	669
1986	12	362	178	15	1,586	656	54	2,824
1987	22	604	254	15	1,226	966	20	806
1988	21	737	66	17	488	2,196	21	792
1989	19	420	28	17	1,479	1,239	12	436
1990	27	745	95	29	751	2,578	12	1,421
1991	42	1,144	83	27	913	3,154	35	1,180
1992	34	851	104	23	547	927	59	2,479
1993	54	1,596	148	37	1,511	3,184	37	1,425
1994	41	903	283	23	734	2,443	60	2,298
1995	63	1,940	175	17	1,307	1,348	82	3,985
1991-95 Average	47	1,287	159	25	1,002	2,211	55	2,273

Appendix C.10. Estimated Adak-Kagalaska Islands personal use salmon catches, 1995.

Permits Issued	**4**
Number of Returned Permits	**3**
Number of Returned Permits Reporting Catch	**3**
Estimated Number of Permit Holders That Caught Salmon	**4**

Average Catch Per Successful Permit Holder

Chinook	Sockeye	Coho	Pink	Chum	Total
0	39	0	0	0	39

Estimated Total Catch

Chinook	Sockeye	Coho	Pink	Chum	Total
0	156	0	0	0	156

It is estimated that the entire harvest was taken in Quail Bay on Kagalaska Island.

Appendix D.1. Alaska Peninsula Area total indexed salmon escapements by species and year, 1962-1995.

Year	Area	Chinook	Sockeye	Coho	Pink	Chum
1962	South Peninsula	0	18,800	-	1,598,800	399,400
	North Peninsula	4,400	351,200	-	4,000	150,900
	Total	4,400	370,000	-	1,602,800	550,300
1963	South Peninsula	0	23,000	-	1,317,900	446,700
	North Peninsula	6,200	351,000	-	4,400	203,200
	Total	6,200	374,000	-	1,322,300	649,900
1964	South Peninsula	0	15,700	-	1,436,400	454,800
	North Peninsula	25,900	419,900	-	15,100	156,100
	Total	25,900	435,600	-	1,451,500	610,900
1965	South Peninsula	0	12,100	-	1,035,400	228,000
	North Peninsula	22,100	238,400	-	900	49,300
	Total	22,100	250,500	-	1,036,300	277,300
1966	South Peninsula	0	17,000	-	719,400	422,000
	North Peninsula	8,200	283,300	-	2,000	149,000
	Total	8,200	300,300	-	721,400	571,000
1967	South Peninsula	0	16,200	-	445,500	182,900
	North Peninsula	12,200	299,700	-	700	122,600
	Total	12,200	315,900	-	446,200	305,500
1968	South Peninsula	0	12,800	-	823,300	279,100
	North Peninsula	15,800	251,300	-	26,500	250,800
	Total	15,800	264,100	-	849,800	529,900
1969	South Peninsula	0	29,500	-	2,474,900	134,600
	North Peninsula	19,500	575,000	-	4,400	146,800
	Total	19,500	604,500	-	2,479,300	281,400
1970	South Peninsula	0	16,500	-	1,298,900	280,500
	North Peninsula	8,300	451,500	-	11,100	169,800
	Total	8,300	468,000	-	1,310,000	450,300
1971	South Peninsula	0	19,400	-	702,700	343,200
	North Peninsula	5,200	435,100	-	8,600	109,400
	Total	5,200	454,500	-	711,300	452,600
1972	South Peninsula	0	11,900	-	111,400	254,500
	North Peninsula	5,000	190,200	-	1,300	124,000
	Total	5,000	202,100	-	112,700	378,500

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Year	Area	Chinook	Sockeye	Coho	Pink	Chum
1973	South Peninsula	0	7,300	-	110,800	505,500
	North Peninsula	4,300	180,200	-	200	122,400
	Total	4,300	187,500	-	111,000	627,900
1974	South Peninsula	0	95,600	-	284,400	257,300
	North Peninsula	3,000	332,800	-	23,000	105,100
	Total	3,000	428,400	-	307,400	362,400
1975	South Peninsula	0	51,700	-	552,100	193,300
	North Peninsula	4,600	516,800	-	600	109,200
	Total	4,600	568,500	-	552,700	302,500
1976	South Peninsula	0	69,700	-	1,456,400	327,200
	North Peninsula	6,000	532,600	-	37,300	293,400
	Total	6,000	602,300	-	1,493,700	620,600
1977	South Peninsula	0	64,900	-	2,677,800	774,900
	North Peninsula	7,100	541,100	-	8,500	681,200
	Total	7,100	606,000	-	2,686,300	1,456,100
1978	South Peninsula	0	64,800	-	2,858,700	600,500
	North Peninsula	13,700	1,213,500	-	96,800	310,500
	Total	13,700	1,278,300	-	2,955,500	911,000
1979	South Peninsula	0	53,300	-	2,629,500	411,100
	North Peninsula	15,800	1,574,000	-	9,300	305,300
	Total	15,800	1,627,300	-	2,638,800	716,400
1980	South Peninsula	0	45,900	-	2,641,600	362,400
	North Peninsula	11,000	1,387,600	-	103,600	769,500
	Total	11,000	1,433,500	-	2,745,200	1,131,900
1981	South Peninsula	0	45,700	-	2,307,500	381,300
	North Peninsula	12,400	1,347,900	-	6,100	535,200
	Total	12,400	1,393,600	-	2,313,600	916,500
1982	South Peninsula	0	39,200	-	2,293,000	386,900
	North Peninsula	20,000	718,400	-	51,700	457,600
	Total	20,000	757,600	-	2,344,700	844,500
1983	South Peninsula	0	59,200	-	851,200	446,500
	North Peninsula	25,700	580,300	-	4,000	392,600
	Total	25,700	639,500	-	855,200	839,100

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Year	Area	Chinook	Sockeye	Coho	Pink	Chum
1984	South Peninsula	0	54,800	-	3,811,600	699,700
	North Peninsula	17,700	826,000	-	56,600	870,200
	Total	17,700	880,800	-	3,868,200	1,569,900
1985	South Peninsula	0	49,900	-	1,614,100	503,400
	North Peninsula	12,900	898,100	-	1,400	344,200
	Total	12,900	948,000	-	1,615,500	847,600
1986	South Peninsula	0	48,000	-	1,716,700	544,600
	North Peninsula	8,700	580,300	-	13,300	243,600
	Total	8,700	628,300	-	1,730,000	788,200
1987	South Peninsula	0	44,600	-	1,540,500	620,700
	North Peninsula	10,700	556,000	-	100	510,900
	Total	10,700	600,600	-	1,540,600	1,131,600
1988	South Peninsula	0	74,100	-	2,839,600	496,400
	North Peninsula	11,700	614,900	250,000	43,500	500,300
	Total	11,700	689,000	250,000	2,883,100	996,700
1989	South Peninsula	0	78,100	-	1,870,900	310,500
	North Peninsula	5,600	814,400	175,000	1,900	212,300
	Total	5,600	892,500	175,000	1,872,800	522,800
1990	South Peninsula	0	95,300	87,500	1,598,400	354,700
	North Peninsula	7,100	1,032,200	157,500	132,200	226,400
	Total	7,100	1,127,500	245,000	1,730,600	581,100
1991	South Peninsula	0	124,900	-	2,946,800	587,600
	North Peninsula	9,600	1,317,300	-	6,300	303,300
	Total	9,600	1,442,200	-	2,953,100	890,900
1992	South Peninsula	0	97,600	-	2,834,400	335,500
	North Peninsula	6,600	861,300	-	207,600	351,700
	Total	6,600	958,900	-	3,042,000	687,200
1993	South Peninsula	0	100,341	-	2,990,140	397,030
	North Peninsula	13,745	1,003,848	-	72,830	402,380
	Total	13,745	1,104,189	-	3,062,970	799,410
1994	South Peninsula	0	120,255	-	3,071,725	579,100
	North Peninsula	38,400	1,211,400	-	133,200	480,200
	Total	38,400	1,331,655	-	3,204,925	1,059,300
1995	South Peninsula	0	129,110	-	6,406,300	726,400
	North Peninsula	24,400	1,077,030	-	8,200	756,000
	Total	24,400	1,206,140	-	6,414,500	1,482,400

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Year	Area	Chinook	Sockeye	Coho	Pink	Chum
Average 1986-1995						
	South Peninsula	-	91,231	-	2,781,547	495,253
	North Peninsula	13,655	906,868	-	61,913	398,708
	Total	13,655	998,099	-	2,843,460	893,961

APPENDIX E: LISTING OF SALMON REGULATIONS, 1995.

Appendix E.1. Alaska Peninsula Management Area salmon regulations, 1995.

TITLE 5. FISH AND GAME

CHAPTER 09. ALASKA PENINSULA AREA.

ARTICLE 1. DESCRIPTION OF AREA.

5 AAC 09.001. APPLICATION OF THIS CHAPTER. Requirements set forth in this chapter apply to commercial fishing only, unless otherwise specified. Subsistence fishing regulations affecting commercial fishing vessels or affecting any other commercial fishing activity are set forth in the subsistence fishing regulations in 5 AAC 01 and 5 AAC 02.

5 AAC 09.100. DESCRIPTION OF AREA. The Alaska Peninsula Area includes all waters of Alaska from Cape Menshikof to Cape Sarichef Light and from a line extending from Scotch Cap through the easternmost tip of Ugamak Island to a line extending 135° southeast from Kupreanof Point.

ARTICLE 2. FISHING DISTRICTS AND SECTIONS.

5 AAC 09.200. FISHING DISTRICTS AND SECTIONS. (a) The Northern District includes all waters on the north (Bering Sea) side of the Alaska Peninsula between the westernmost tip of Cape Menshikof and the southernmost tip of Moffet Point:

(1) Cinder River Section: all waters of the Northern District east of 158° 20' W. long.;

(2) Port Heiden Sections:

(A) Outer Port Heiden Section: all waters of the Northern District located between 158° 20' W. long. and the longitude of Strogonof Point (158° 51' W. long.), exclusive of the Inner Port Heiden Section;

(B) Inner Port Heiden Section: all waters of Port Heiden Bay south and east of a line from Strogonof Point at 56° 53' 16" N. lat., 158° 50' 36" W. long. to the mainland shore of the northeast entrance to the bay at 56° 56' 31" N. lat., 158° 40' 44" W. long.;

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(3) Ilnik Section: all waters between the longitude of Strogonof Point (158° 51' W. long.) and the longitude of Three Hills (159° 50' W.long.);

(4) Three Hills Section: all waters between the longitude of Three Hills (159° 50' W. long.) and the longitude of Cape Seniavin Light (160° 09' W. long.);

(5) Bear River Section: all waters between the longitude of Cape Seniavin Light (160° 09' W. long.) and the longitude of Wolf Point (160° 48' 30" W. long.), excluding the waters of the Herendeen-Moller Bay Section;

(10) Port Moller Bight Section: all waters enclosed by a line from Entrance Point to Harbor Point.

(6) Herendeen-Moller Bay Section: all waters enclosed by a line from Harbor Point to Entrance Point to Wolf Point to Point Edward on Cape Rozhnof;

(7) Nelson Lagoon Section: all waters of Nelson Lagoon inside the bars and inside a line extending from Lagoon Point to Wolf Point to Point Edward on Cape Rozhnof;

(8) Caribou Flats Section: all waters between Wolf Point and a point at 55° 53' 40" N. lat., 161° 49' W. long., approximately 22 nautical miles west of Nelson Lagoon Village and exclusive of the waters comprising the Nelson Lagoon Section;

(9) Black Hills Section: all waters between 55° 53' 40" N. lat., 161° 49' W. long., and Moffet Point.

(b) The Northwestern District: all waters on the north (Bering Sea) side of the Alaska Peninsula between Moffet Point and Cape Sarichef Light on Unimak Island, including Bechevin Bay and the waters of Isanotski Strait north of a line from the False Pass cannery dock to Nichols Point;

(1) Izembek-Moffet Bay Section: all waters between Moffet Point and Cape Glazenap;

(2) Bechevin Bay Section: all waters between Cape Glazenap and Chunak Point, including Bechevin Bay and the waters of Isanotski Strait north of a line from the False Pass cannery dock to Nichols Point;

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(3) Swanson Lagoon Section: all waters on the north side of Unimak Island between the easternmost edge of Chunak Point (55° 02' N. lat., 163° 27' W. long.) and east of the longitude of Otter Point (163° 47' W. long.), excluding the waters of the Bechevin Bay Section;

(4) Urilia Bay Section: all waters on the north side of Unimak Island west of the longitude of Otter Point (163° 47' W. long.) and east of the northernmost tip of Cape Mordvinof (54° 56' N. lat., 164° 25' 45" W. long.), including Peterson and Christianson Lagoons;

(5) Dublin Bay Section: all waters on the northwest side of Unimak Island west of the northernmost tip of Cape Mordvinof and east of Cape Sarichef Light (54° 35' 50" N. lat., 164° 55' 30" W. long.).

(c) Unimak District: all waters on the south side of Unimak Island between a line extending from Scotch Cap (54° 24' N. lat., 164° 47' 36" W. long.) through the easternmost tip of Ugamak Island (54° 12' 42" N. lat., 164° 45' 48" W. long.), and a line extending 115° from Cape Pankof Light (54° 39' 36" N. lat., 163° 03' 36" W. long.), including the Sanak Islands;

(1) Cape Lutke Section: all waters of the Unimak District east of a line extending from Scotch Cap (54° 24' N. lat., 164° 47' 36" W. long.) through the easternmost tip of Ugamak Island (54° 12' 42" N. lat., 164° 45' 48" W. long.), and west of the longitude of Rock Island (163° 37' 18" W. long.);

(2) Otter Cove Section: all waters of the Unimak District east of the longitude of Rock Island (163° 37' 18" W. long.) and north of 54° 30' N. lat.;

(3) Sanak Island Section: all waters of the Unimak District east of the longitude of Rock Island (163° 37' 18" W. long.) and south of 54° 30' N. lat.

(d) Southwestern District: all waters on the south side of the Alaska Peninsula north and east of a line extending 115° from Pankof Light (54° 39' 36" N. lat., 163° 03' 36" W. long.) and west of a line extending 106° from Arch Point Light (55° 12' 20" N. lat., 161° 54' 15" W. long.) to the western boundary of the Southeastern District (longitude of McGinty Point: 160° 59' W. long.), including Inner Iliasik, Outer Iliasik, Goloi, Dolgoi, Poperechoi, and Deer Islands, all waters of Ikatan Bay, and all waters of Isanotski Strait south of a line from the False Pass cannery dock (54° 51' 30" N. lat., 163° 24' 30" W. long.) to Nichols Point (54° 51' 30" N. lat., 163° 23' 10" W. long.);

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(1) Ikatan Bay Section: all waters of the Southwestern District located south and west of a line from Kenmore Head (54° 57' N. lat., 163° 01' 40" W. long.) to Hague Rock (54° 33' 10" N. lat., 162° 24' W. long.), and west of a line extending true south from Hague Rock;

(2) Morzhovoi Bay Section: all waters of Morzhovoi Bay north of a line from Kenmore Head to Cape Tachilni (54° 56' N. lat., 162° 52' 30" W. long.);

(3) Thin Point Section: all waters of the Southwestern District east of Kenmore Head (54° 57' N. lat., 163° 01' 40" W. long.) and west of Thin Point (54° 57' 30" N. lat., 162° 33' 30" W. long.), excluding waters of the Ikatan, Morzhovoi, and Cold Bay Sections;

(4) Cold Bay Section: all waters north of a line from Thin Point to Vodapoini Point;

(5) Deer Island Section: all waters within one nautical mile of Deer Island;

(6) Belkofski Bay Section: all waters between Vodapoini Point and Moss Cape, including Inner and Outer Iliasik Islands but excluding the waters of the Deer Island Section;

(7) Volcano Bay Section: all waters between Moss Cape and Arch Point including Goloi, Dolgoi and Poperechnoi Islands;

(8) General Section: all other waters of the Southwestern District.

(e) South Central District: all waters on the south side of the Alaska Peninsula north and east of a line extending 106° from Arch Point Light (55° 12' 20" N. lat., 161° 54' 15" W. long.), and west of a line extending south from McGinty Point (55° 27' 30" N. lat., 160° 59' W. long.), including Ukolnoi and Wosnesenski Islands;

(1) West Pavlof Bay Section: all waters of the South Central District west of 161° 34' W. long.;

(2) East Pavlof Bay Section: all waters of the South Central District east of 161° 34'W. long., excluding the Canoe Bay and Mino Creek-Little Coal Bay Sections.

(3) Canoe Bay Section: all waters of Canoe Bay enclosed by a line from a point at 55° 35' 37" N. lat., 161° 21' 33" W. long. to a point at 55° 35' 41" N. lat., 161° 21' 40" W. long.;

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(4) Mino Creek-Little Coal Bay Section: all waters of the district, excluding those of the East Pavlof Bay and Canoe Bay Sections, between the longitude of McGinty Point (160° 59' W. long.) and the longitude of Cape Tolstoi (161° 30' W. long.);

(4) repealed 6/2/88.

(f) Southeastern District: all waters on the south side of the Alaska Peninsula east of a line extending south from McGinty Point (55° 27' 30" N. lat., 160° 59' W. long.), and west of a line extending 135° from Kupreanof Point (55° 34' N. lat., 159° 36' W. long.), including all of the Shumagin Islands;

(1) Beaver Bay Section: all waters of the Southeastern District east of the longitude of McGinty Point (160° 59' W. long.), west of 160° 49' W. long., and north of 55° 26' N. lat.;

(2) Balboa Bay Section: all waters of the Southeastern District east of 160° 39' W. long., north of 55° 26' N. lat., and west of the longitude of Swedania Point (160° 31' 30" W. long.);

(3) Shumagin Islands Section: all waters of the Southeastern District east of the longitude of McGinty Point (160° 59' W. long.), west of a line extending 135° from Kupreanof Point (55° 34' N. lat., 159° 36' W. long.), south of a line from 55° 26' N. lat., 160° 31' 30" W. long., to 55° 32' 12" N. lat., 160° 02' 36" W. long. (approximately 1 nautical mile north of Karpa Island), and east to the Alaska Peninsula Area boundary (a line extending 135° from Kupreanof Point), excluding the Beaver Bay, Balboa Bay, and Southwest Stepovak Sections;

(4) Southwest Stepovak Section: all waters of the Southeastern District south of the latitude of 55° 37' 20" N. lat., west of 159° 52' W. long., north of the Shumagin Islands Section, and east of the Balboa Bay Section;

(5) Northwest Stepovak Section: all waters of the Southeastern District north of 55° 37' 20" N. lat. and west of the longitude of Dent Point (159° 52' W. long.);

(6) Stepovak Flats Section: all waters of the Southeastern District north of 55° 48' 18" N. lat. and east of the longitude of Dent Point 159° 52' W. long.);

(7) East Stepovak Section: all waters of the Southeastern District south of 55° 48' 18" N. lat., east of the longitude of Dent Point (159° 52' W. long.), north of 55° 32' 12" N. lat., and west of a line extending 135° from Kupreanof Point (55° 34' N. lat., 159° 36' W. long.).

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ARTICLE 3. SALMON FISHERY.

5 AAC 09.301. SEAWARD BOUNDARY OF DISTRICTS. For the purpose of managing the historical salmon net fishery in the vicinity of False Pass and Unimak Bight, the outer boundary of the Southwestern and Unimak Districts is a line drawn three miles seaward from a line commencing at 54° 26' 45" N. lat., 162° 53' W. long., near the western end of Sanak Island to Cape Lutke on Unimak Island. The seaward boundary of all other districts is a line three miles seaward of the baseline described in 5 AAC 39.975(13).

5 AAC 09.310. FISHING SEASONS. (a) In the Northern District, salmon may be taken as follows:

(1) Cinder River Section

(A) from May 1 through September 30 within the lagoon into which the Cinder River drains (locally known as False Ugashik or Shagong);

(B) from August 1 through September 30 throughout this section;

(2) Port Heiden Sections:

(A) Inner Port Heiden Section: from May 1 through September 30;

(B) Outer Port Heiden Section: no open season;

(3) Ilnik Section

(A) from May 1 through September 30 within Ilnik Lagoon and all waters inside the Seal Islands;

(B) from July 5 through September 30 in all waters west of Unangashak Bluffs at Loran C line 990-Y-33265 and the longitude of Three Hills (159° 50' W. long.);

(C) from July 15 through September 30 throughout the entire Ilnik Section;

(4) Three Hills Section: from June 25 through September 30;

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(5) Bear River Section: from May 1 through September 30;

(10) Port Moller Bight Section: from May 1 through September 30;

(6) Herendeen-Moller Bay Section: from May 1 through July 20 with the exception that within the bight enclosed by a line from Entrance Point to Harbor Point salmon may be taken from May 1 through September 30;

(7) Nelson Lagoon Section: from May 1 through September 30;

(8) Caribou Flats Section: no open season;

(9) Black Hills Section: from May 1 through September 30.

(b) In the Northwestern District, salmon may be taken only from June 1 through August 10, except that

(1) in the Dublin Bay Section, salmon may be taken only from July 10 through August 10;

(2) in the Bechevin Bay Section, salmon may be taken only from June 1 through September 30;

(3) after September 1, the salmon fishing season will be opened by emergency order.

(c) In the Unimak District, salmon may be taken only from June 1 through September 30.

(d) In the Southwestern District, salmon may be taken only from June 1 through September 30.

(e) In the South Central District, salmon may be taken only from June 1 through September 30.

(f) In the Southeastern District, salmon may be taken only from June 1 through September 30.

5 AAC 09.320. FISHING PERIODS. (a) In the Northern District, salmon may be taken from 6:00 a.m. Monday until 6:00 p.m. Thursday, except as follows:

(1) in the Black Hills Section, before July 1 salmon may be taken from 6:00 a.m. Monday until 6:00 p.m. Wednesday; beginning July 1 salmon may be taken from 6:00 a.m. Monday until 6:00 p.m. Thursday;

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(2) in the Nelson Lagoon Section, salmon may be taken

(A) during the period May 1 through June 15, from 6:00 a.m. Monday until 12:00 midnight Wednesday;

(B) during the period June 16 through August 15, from 6:00 a.m. Monday until 12:00 midnight Thursday;

(C) after August 15, from 6:00 a.m. Monday until 12:00 midnight Wednesday;

(3) in the Cinder River, Inner Port Heiden, and Ilnik Sections, salmon may be taken from 6:00 a.m. Monday until 6:00 p.m. Wednesday;

(4) before July 1, in the Three Hills and Bear River Sections, salmon may be taken from 6:00 a.m. Monday until 6:00 p.m. Wednesday.

(b) Salmon may be taken only during the open season in the Northwestern District in the

(1) Izembek-Moffet Bay Section; from 6:00 a.m. Monday until 6:00 p.m. Thursday;

(2) Bechevin Bay Section: only during fishing periods established by emergency order;

(3) Urilia Bay Section: from 6:00 a.m. Monday until 6:00 p.m. Thursday;

(4) Dublin Bay Section, from 6:00 a.m. Monday until 6:00 p.m. Thursday;

(5) Swanson Lagoon Section, from 6:00 a.m. Monday until 6:00 p.m. Thursday.

(c) Salmon may be taken during the open season in the Unimak District during fishing periods established by emergency order.

(d) Salmon may be taken only during the open season in the Southwestern District only during fishing periods established by emergency order.

(e) Salmon may be taken only during the open season in the South Central District only during fishing periods established by emergency order.

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(1), (2) repealed 6/2/88;

(3) repealed 4/13/80.

(f) Salmon may be taken only during the open season in the Southeastern District only during fishing periods established by emergency order.

(1) repealed 6/2/88;

(2) repealed 4/13/80;

(3) repealed 6/2/88.

5 AAC 09.330. GEAR. (a) In the Northern District salmon may be taken

(1) in the Cinder River Section: with drift gillnets or set gillnets only;

(2) in the Inner Port Heiden Section: with drift gillnets or set gillnets only;

(3) in the Ilnik Section: with drift gillnets or set gillnets only;

(4) in the Three Hills Section: with drift gillnets only;

(5) in the Bear River Section: with drift gillnets, purse seines and hand purse seines;

(6) in the Herendeen-Moller Bay Section: with drift gillnets, set gillnets, purse seines and hand purse seines;

(7) in the Nelson Lagoon Section: with drift gillnets or set gillnets;

(8) repealed 5/28/92;

(9) in the Black Hills Section: with drift gillnets or set gillnets only.

(b) In the Northwestern District salmon may be taken with drift gillnets, set gillnets, purse seines and hand purse seines.

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(c) In the Unimak District salmon may be taken with drift gillnets, set gillnets, purse seines and hand purse seines. Salmon may be taken by gillnet gear during periods when the seine fishery is closed by emergency order due to the presence of immature salmon.

(d) In the Southwestern District salmon may be taken with purse seines, hand purse seines and set gillnets except that

(1) salmon may also be taken with drift gillnets west of a line from Kenmore Head to Hague Rocks to the easternmost tip of the Sanak Islands;

(2) repealed 3/19/78;

(3) salmon may be taken by gillnet gear during periods when the seine fishery is closed by emergency order due to the presence of immature salmon.

(e) In the South Central District salmon may be taken with set gillnets, purse seines and hand purse seines, except that

(1) repealed 3/19/78;

(2) within Canoe Bay, salmon may be taken only with purse seines and hand purse seines;

(3) repealed 6/2/88;

(4) salmon may be taken by set gillnet gear during periods when the seine fishery is closed by emergency order due to the presence of immature salmon.

(f) In the Southeastern District salmon may be taken only with set gillnets, purse seines and hand purse seines except that

(1) salmon may be taken only with purse seines and hand purse seines in the area between Popof Head and Dark Cliffs (Popof Island) from June 1 through August 31; however, salmon may be taken by set gillnet during periods when the seine fishery is closed by emergency order due to the presence of immature salmon;

(2) repealed 3/19/78;

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(3) salmon may be taken only with set gillnets from June 1 through July 10 in the Beaver Bay, Balboa Bay, Southwest Stepovak, Northwest Stepovak, Stepovak Flats, and East Stepovak Sections;

(4) salmon may be taken by set gillnet during periods when the seine fishery is closed by emergency order due to presence of immature salmon.

5 AAC 09.331. GILLNET SPECIFICATIONS AND OPERATIONS. (a) The size and operation of drift gillnets is as follows:

(1) the aggregate length of drift gillnets on a salmon fishing boat or in use by such boat shall be no more than 200 fathoms in length;

(2) the mesh size of drift gillnets may not be less than five and one-quarter inches, except that there is no minimum mesh size

(A) in the Bear River, Nelson Lagoon, and Port Moller Bight Sections of the Northern District described in 5 AAC 09.200(a);

(B) in the South Unimak and Shumagin Islands June fisheries described in 5 AAC 09.365(b) when the commissioner opens the fishing season under 5 AAC 09.365(d);

(3) in the Northwestern, Unimak, and Southwestern Districts, no drift gillnet may exceed 90 meshes in depth;

(4) in the Northern District, a drift gillnet may not exceed 70 meshes in depth, except that in the Nelson Lagoon Section a drift gillnet may not exceed 29 meshes in depth before August 16 and 38 meshes in depth from August 16 through September 30; a drift gillnet may have only one leadline, which may not exceed 60 fathoms per 50 fathoms of corkline, and no portion of the leadline may exceed 1.5 pounds per fathom.

(b) The size and operation of set gillnets is as follows:

(1) a set gillnet may be no more than 100 fathoms in length; the aggregate length of set gillnets operated by a CFEC permit holder may be no more than 200 fathoms; no more than two gillnet sites may be operated by a CFEC permit holder except that in the

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(A) Inner Port Heiden Section a set gillnet may be no more than 50 fathoms in length; the aggregate length of set gillnets operated by a CFEC permit holder may be no more than 100 fathoms; and no more than two gillnet sites may be operated by a CFEC permit holder;

(B) Ilnik Lagoon (portion of the Ilnik Section) a set gillnet may be no more than 50 fathoms in length; the aggregate length of set gillnets operated by a CFEC permit holder may be no more than 150 fathoms; and no more than three gillnet sites may be operated by a CFEC permit holder;

(C) in the Northwestern, Unimak, Southwestern, Southcentral, and Southeastern Districts, a set gillnet may not exceed 90 meshes in depth;

(2) set gillnets shall be operated in substantially a straight line; no more than 30 fathoms of each set gillnet may be used as a single hook;

(3) the mesh size of a set gillnet may not be less than five and one-quarter inches, except that there is no minimum mesh size

(A) in the Nelson lagoon and Port Moller Bight Sections of the Northern District described in 5 AAC 09.200(a)

(B) in the South Unimak and Shumagin Islands June fisheries described in 5 AAC 09.365(b) when the commissioner opens the fishing season under 5 AAC 09.365(d)

(4) in the Northern District, the maximum depth of a set gillnet may not exceed 70 meshes in depth; except that in the Nelson Lagoon Section, a set gillnet may not exceed 29 meshes in depth;

(5) in the Unimak, Southwestern, South Central, and Southeastern Districts, 10 fathoms of seine webbing may be used on the shoreward end of a set gillnet; the shoreward end of the seine webbing must be attached to the beach above low tide;

(6) during hours of darkness, each set gillnet must be marked with at least one red light on the seaward end of the net, and at least one red light on both ends of the net if that net is more than 300 feet from shore.

(7) in Swanson Lagoon, within the Swanson Lagoon Section of the Northwestern District, a person may not place a set gillnet in the water if that placement would result in more than 50 percent of the channel east of 163° 38' 42" W. long. being blocked to the movement of boat traffic at any stage of the tide;

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(8) in the Cinder River and Ilnik Sections of the Northern District, a person may not place the seaward end of a set gillnet further than one-half mile from the terrestrial vegetation line of the beach, except that in the Seal Islands a person may not place the seaward end of a set gillnet within one-half mile of the mean high water mark.

5 AAC 09.332. SEINE SPECIFICATIONS AND OPERATIONS. (a) Purse seines or hand purse seines may not be less than 100 fathoms nor more than 250 fathoms in length. A purse seine or hand purse seine may not exceed 375 meshes in depth. Seine mesh may not be more than 3 1/2 inches, except that the first 25 meshes above the leadline may not be more than 7 inches.

(b) Leads may not be less than 50 fathoms nor more than 150 fathoms in length. Only one lead may be used with a seine. A lead may be attached to only one end of a seine, and the lead may not be attached to the boat end of the seine.

5 AAC 09.334. IDENTIFICATION OF GEAR. (a) Each drift gillnet in operation must have at each end a bright red keg, buoy, or cluster of floats plainly and legibly marked with the permanent vessel license plate (ADF&G) number of the vessel operating the gear, as well as the initials of the operator.

(b) Each set gillnet in operation must be identified as required by 5 AAC 39.280.

5 AAC 09.335. MINIMUM DISTANCE BETWEEN UNITS OF GEAR. No part of a set gillnet may be set or operated within 900 feet of any part of another set gillnet, except that in the

(1) Inner Port Heiden Section no part of a set gillnet may be set or operated within 600 feet of any part of another set gillnet;

(2) Nelson Lagoon Section no part of a set gillnet may be set or operated within 1,800 feet of any part of another operating set gillnet.

5 AAC 09.350. CLOSED WATERS. Salmon may not be taken in the following locations:

(1) Meshik River: all waters upstream of a line crossing the river from a point at 56° 47' 04" N. lat., 158° 41' 06" W. long., to 56° 47' 58" N. lat., 158° 38' 45" W. long.; this is approximately one-half nautical mile upstream from the mean high tide mouth and approximately at the lower line of permanent grass growth;

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(2) Sandy River

(A) May 1 through July 26: within 2,000 yards of the terminus of the river;

(B) July 27 through September 30; within 500 yards of the terminus of the river;

(3) Bear River

(A) May 1 through August 8: within 1,000 yards of the terminus of the river;

(B) August 9 through September 30: within 500 yards of the terminus of the river;

(4) Frank's Lagoon: all waters of the lagoon and within 500 yards outside the entrance;

(5) Bechevin Bay

(A) Saint Catherine Cove (Mike's Creek): all waters within 1,000 yards of the stream located at 55° 00' 48" N. lat., 163° 31' 33" W. long.;

(B) Trader's Cove: all waters north and east of a line from Morzhovoi Village (54° 54' 45" N. lat., 163° 18' 15" W. long.) to the base of Trader Mountain (55° 00' 05" N. lat., 163° 18' 22" W. long.);

(C) Warmsprings Bay: all waters southeast of a line from a point on the south shore of the bay at 54° 56' 28" N. lat., 163° 15' 45" W. long., to a point on the north shore of the bay at 54° 57' 16" N. lat., 163° 15' 33" W. long.;

(6) Urilia Bay

(A) Christianson's Lagoon: all waters of the lagoon and its exit channel upstream from a point located 500 yards above the exit channel terminus at the ocean shoreline;

(B) Peterson Lagoon: all waters of the lagoon from a point located 500 yards upstream from the lagoon outlet channel terminus at the ocean shoreline;

(7) Ikatan Bay: all waters within 1,000 yards of the stream at 54° 45' 15" N. lat., 163° 15' 15" W. long. on the north shore of the Ikatan Peninsula which exits from Swede's Lake;

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(8) Morzhovoi Bay

(A) Middle Lagoon: all waters of the lagoon and within 1,000 yards of its entrance;

(B) Littlejohn Lagoon: all waters of the lagoon and within 500 yards of its entrance at the narrows;

(9) Thin Point Cove and Lagoon: all waters north and west of a line from the tip of Thin Point westward to a point on the shore at 54° 57' 30" N. lat., 162° 43' 15" W. long.;

(10) Cold Bay

(A) Old Man Lagoon, Mortensen Lagoon and Nurse Lagoon: all waters of the lagoons and within 500 yards outside their entrances;

(B) Lenard Harbor: all waters east of a line from a point on the south shore at 55° 06' N. lat., 162° 23' W. long., to a point on the north shore at 55° 07' N. lat., 162° 23' W. long., and within 1,000 yards of any salmon stream;

(C) Kinzarof Lagoon area: all waters of Kinzarof Lagoon.;

(D) Trout Creek: all waters within 1,000 yards of the stream terminus;

(11) Deer Island: all waters within 200 yeards of any salmon stream on Deer Island;

(12) Belkofski Bay: all waters north and east of a line from 55° 09' 22" N. lat., 162° 08' 12" W. long., to 55° 08' 08" N. lat., 162° 07' 03" W. long., then to 55° 07' 20" N. lat., 126° 07' 39" W. long.;

(13) Volcano and Bear Bay

(A) all waters north of a line from 55° 13' 24" N. lat., 162° 01' 24" W. long., to 55° 13' 51" N. lat., 161° 58' W. long.;

(B) all waters of Bear Bay west of 162 W. long. and locally known as Little Bear Bay;

(14) Long John Lagoon: all waters of the lagoon and within 500 yards outside its entrance;

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(15) Pavlof Bay

(A) Chinaman Lagoon and Jackson Lagoon: all waters of the lagoons and within 1,000 yards outside their entrances;

(B) Dry Lagoon: all waters of the lagoon and within 500 yards of its entrance;

(C) Canoe Bay: all waters east of 161° 14' 12" W. long.;
(i), (ii) repealed 6/2/88;

(16) Balboa Bay

(A) all waters north of a line extending west from Reef Point;

(B) all waters of Lefthand Bay west of a line from 55° 31' 36" N. lat., 160° 42' 54" W. long., to 55° 33' 12" N. lat., 160° 42' 06" W. long.;

(17) Zachary Bay: all waters of the inner bay south and west of a line extending from the inner edge of the grass line of the sand spit to the west of the tip of the prominent point of land approximately one and one-third nautical miles inside Quartz Point;

(18) San Diego Bay: all waters of the lagoon at the head of this bay and within 500 yards outside the lagoon's entrance except that from July 19 through August 31 the closure includes all waters west of a line from the reef at 55° 33' 08" N. lat., 160° 26' 30" W. long., to the headland at 55° 34' 02" N. lat., 160° 25' 48" W. long.;

(19) Dorenoi Bay

(A) through July 25, all waters north and west of a line from the tip of Renshaw Point to the opposite shore at 55° 38' 30" N. lat., 160° 19' W. long.;

(B) after July 25, all waters within 500 yards of the terminus of any salmon stream;

(20) Chichagof Bay: all waters of the lagoon and within 500 yards of the lagoon entrance;

(21) Orzinski Bay (Orzenoi): within 1,000 yards of any salmon stream;

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(22) Grub Gulch: all waters north and east of a line from 55° 48' 18" N. lat., 159° 56' 06" W. long., to 55° 49' 00" N. lat., 159° 58' 12" W. long.;

(23) Stepovak Bay: from June 1 through July 28, all waters within 500 yards of any salmon stream or lagoon unless otherwise specified; from July 29 through September 30, all waters north of a line extending east from Dent Point at 55° 47' 15" N. lat., 159° 52' W. long., to a point on the Kupreanof Peninsula at 55° 47' N. lat., 159° 38' 30" W. long.;

(24) Bay Point: all waters of the lagoon and within 500 yards of the lagoon entrance;

(25) Amak Island and adjacent Sea Lion Rocks: all waters within three nautical miles of these islands and elevations;

(26) repealed 4/16/83;

(27) Applegate Cove-Norma Bay: all waters south of a line from 55° 14' 08" N. lat., 162° 53' W. long., to the southwest extremity of Norma Bay at 55° 10' 50" N. lat., 163° 05' 07" W. long.; this boundary aligns with the Cold Bay VORTAL cone and the headland located approximately two nautical miles south of the radar domes near Grant Point;

(28) Ilnik Lagoon: all waters of Ilnik Lagoon and lake west of 159° 30' 12" W. long;

(29) Herendeen Bay

(A) from May 1 through July 20, all waters within 500 yards of any salmon stream unless otherwise specified;

(30) Nelson Lagoon: all waters of the lagoon and river (called Caribou, Nelson, and Lagoon River) flowing into the upper (west) end of Nelson Lagoon, upstream of a line from 55° 57' 20" N. lat., 161° 22' 15" W. long. to 55° 57' 45" N. lat., 161° 22' 40" W. long;

(31) Caribou Flats: all waters of the Caribou Flats Section;

(32) Cape Menshikof: all waters of the Cinder River Section located north of Loran C line 9990-Y-32920;

(33) King Salmon River

(A) from May 1 through July 15, all waters within 1000 yards of the stream terminus;

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(B) after July 15, all waters within 500 yards of the stream terminus.

(34) Cinder River Lagoon: all waters enclosed by a line from 57° 19' 48" N. lat., 158° 08' 24" W. long. to 57° 21' 18" N. lat., 158° 02' 38" W. long.;

(35) Unangashik River: all waters east of 159° 15' 04" W. long,;

(36) Swanson Lagoon

(A) June 1 through August 31: all waters enclosed by a line from 55° 02' 12" N. lat., 163° 38' 42" W. long., to 55° 01' 58" N. lat., 163° 38' 28" W. long.;

(B) September 1 through October 31: all waters enclosed by a line from 55° 02' 12" N. lat., 163° 38' 42" W. long., to 55° 02' 07" N. lat., 163° 39' 44" W. long.;

(37) Outer Port Heiden: all waters of the Outer Port Heiden Section.

5 AAC 09.355. SALMON PROCESSOR AND BUYER REPORTING REQUIREMENTS. The operator of a floating salmon processing vessel or tender, or of a shorebased processing operation, and a company employing aircraft used for transporting salmon, shall report in person, or by radio or telephone, to a local representative of the department located in the management area of intended operation before the start of processing or buying operations. The report must include the location and the date of intended operation, and identify and describe each vessel or other method of transport employed in hauling or processing salmon.

5 AAC 09.360. SOUTHEASTERN DISTRICT SALMON MANAGEMENT PLAN. (a) This plan pertains to the management of the interception of Chignik River sockeye salmon caught in the Southeastern District Mainland fishery: East Stepovak, Stepovak Flats, Northwest Stepovak, Southwest Stepovak, Balboa Bay, and Beaver Bay Sections. Before July 11, only set gillnet gear may be used in these sections. For the purpose of this plan, local runs include only those salmon in the waters

(1) of Orzinski Bay north of a line from Elephant Point (55° 41' 55" N. lat., 160° 03' 12" W. long.) to Waterfall Point (55° 43' 13" N. lat., 160° 01' 05" W. long.); and

(2) in the Stepovak Flats Section as described in 5 AAC 09.200(f).

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(b) In years when a harvestable surplus for the first (Black Lake) and second (Chignik Lake) runs of Chignik River system sockeye salmon is expected to be less than 600,000, no commercial salmon fishery is allowed in the East Stepovak, Northwest Stepovak (except Orzinski Bay),Southwest Stepovak, Balboa Bay, and Beaver Bay Sections, as described in 5 AAC 09.200(f), until a harvest of 300,000 sockeye salmon is achieved in the Chignik Area, as described in 5 AAC 09.15.100. After July 8, if at least 300,000 sockeye salmon have been harvested in the Chignik Area, and if escapement goals are being met, the department shall manage the fishery so that the number of sockeye salmon harvested in the Chignik Area will be at least 600,000 and the number of sockeye salmon harvested in the East Stepovak, Stepovak Flats, Northwest Stepovak (except Orzinski Bay), Southwest Stepovak, Balboa Bay, and Beaver Bay Sections approaches as near as possible seven percent of the total Chignik sockeye salmon catch.

(c) In years when a harvestable surplus beyond escapement goals for the first and second runs of Chignik River system sockeye salmon is expected to be more than 600,000 but the first run fails to develop as predicted and it is determined that a total sockeye salmon harvest in the Chignik Area of 600,000 or more might not be achieved, the commercial salmon fishery in the East Stepovak, Stepovak Flats, Northwest Stepovak (except Orzinski Bay), Southwest Stepovak, Balboa Bay, and Beaver Bay Sections shall be curtailed in order to allow a harvest in the Chignik Area of at least 300,000 sockeye salmon by July 9 if that number of fish are determined to be surplus to the escapement goals of the Chignik River system. After July 8, if at least 300,000 sockeye salmon have been harvested in the Chignik Area, and if escapement goals are being met, the department shall manage the fishery so that the number of sockeye salmon harvested in the Chignik Area is at least 600,000 and the number of sockeye salmon harvested in the East Stepovak, Stepovak Flats, Northwest Stepovak (except Orzinski Bay), Southwest Stepovak, Balboa Bay, and Beaver Bay Sections approaches as near as possible seven percent of the total Chignik sockeye salmon catch.

(d) In years when a harvestable surplus beyond the escapement goals for the first and second runs of Chignik River system sockeye salmon is expected to be more than 600,000 and the department determines that the runs are as strong as expected, the department shall manage the fishery so that the number of sockeye salmon taken in the East Stepovak, Stepovak Flats, Northwest Stepovak (except Orzinski Bay), Southwest Stepovak, Balboa Bay, and Beaver Bay Sections approaches as near as possible seven percent of the total Chignik sockeye salmon catch.

(e) The estimate of sockeye salmon destined for the Chignik River has been determined to be 80 percent of the sockeye salmon harvested in the East Stepovak, Stepovak Flats, Northwest -

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Stepovak (except Orzinski Bay), Southwest Stepovak, Balboa Bay, and Beaver Bay Sections. The remaining sockeye salmon taken in the Southeastern District Mainland fishery (Orzinski Bay) have been determined to be destined for Orzinski Bay.

(f) The total Chignik sockeye salmon catch constitutes those sockeye salmon caught within the Chignik Area, plus 80 percent of the sockeye salmon caught in the East Stepovak, Stepovak Flats, Northwest Stepovak (except Orzinski Bay), Southwest Stepovak, Balboa Bay, and Beaver Bay Sections, as described in 5 AAC 09.200(f), plus 80 percent of the sockeye salmon caught in the Cape Igvak Section of the Kodiak Area. The percentage of Chignik sockeye salmon may be permitted to fluctuate above or below seven percent at any time before July 25.

(g) The allocation method described in (a) - (f) of this section is in effect through July 25. The department may not open the first fishing period of the commercial salmon fishing season in the East Stepovak, Northwest Stepovak (except Orzinski Bay), Southwest Stepovak, Balboa Bay, and Beaver Bay Sections before the first fishing period of the commercial salmon fishing season in the Chignik Area. After July 25, the department may open, for local stocks, commercial salmon fishing in the entire Southeastern District Mainland area.

(h) During the period from approximately June 26 to July 9, the strength of the second run of the Chignik River system sockeye salmon cannot be evaluated. In order to prevent overharvest of the second run, the department may disallow or severely restrict commercial salmon fishing in the East Stepovak, Stepovak Flats, Northwest Stepovak (except Orzinski Bay), Southwest Stepovak, Balboa Bay, and Beaver Bay Sections during this period.

(i) The department shall announce all commercial salmon fishing periods by emergency order. The department shall give at least 24 hours' notice before the opening of a commercial salmon fishing period, unless it is an extension of a fishing period in progress.

5 AAC 09.365. SOUTH UNIMAK AND SHUMAGIN ISLANDS JUNE SALMON MANAGEMENT PLAN. (a) Mixed stocks of salmon bound for distant systems have historically been intercepted in significant numbers along the Alaska Peninsula. To ensure that none of these runs are overharvested it is necessary to restrain their interception as provided for in the management plan for the South Unimak and Shumagin Islands June fisheries, set out in this section.

(b) The Alaska Board of Fisheries has established sockeye salmon guideline harvest levels on the South Unimak and Shumagin Islands interception fisheries during June, which are based on percentages of the latest projected Bristol Bay inshore sockeye salmon harvest as published by

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the Department of Fish and Game. The South Unimak fishery takes place in the Unimak District and the Ikatan Bay and Bechevin Bay Sections, as described in 5 AAC 09.200(b)(2), (c), and (d)(1), plus the following waters of the Southwestern District outside of the Ikatan Bay Section and not included under 5 AAC 09.350: (1) all waters north and west of a line from Cape Pankof Light to Thin Point (54° 57' 26" N. lat., 162° 33' 12" W. long.); and (2) all waters enclosed by a line from Thin Point (54° 57' 26" N. lat., 162° 33' 12" W. long.) to the northernmost tip of Stag Point (54° 10' N. lat., 161° 53' 45" W. long.) on Deer Island to the southernmost tip of Dolgoi Cape (55° 03' 45" N. lat., 161° 44' W. long.) on Dolgoi Island and from the northernmost tip of Bluff Point (55° 10' N. lat., 161° 53' 45" W. long.) on Dolgoi Island to Arch Point Light (55° 12' 20" N. lat., 161° 54' 15" W. long.). The Shumagin Islands fishery takes place in the Shumagin Islands Section, as described in 5 AAC 09.200(f)(3). Consistent with the board's Policy For The Management of Mixed Stock Salmon Fisheries (5 AAC 39.220) and traditional harvest patterns, the maximum percentage allowed for the South Unimak fishery is 6.8 percent and for the Shumagin Islands fishery, 1.5 percent. The forecasts for Bristol Bay are sometimes updated as more information becomes available, just before the South Unimak and Shumagin Islands season, and exact numbers of fish cannot be given before the opening of each fishery.

(c) Repealed 6/1/94.

(d) After June 10 the commissioner, by emergency order, may open the fishing season and shall establish fishing periods for the South Unimak and Shumagin Islands June fisheries to allow commercial fishing when the ratio of sockeye salmon to chum salmon indicates that chum salmon harvest will be minimized.

(e) The South Unimak and Shumagin Island June salmon fisheries target on the more abundant and valuable sockeye salmon. The board recognizes that the harvest of other salmon species is incidental to the sockeye salmon harvest. The board has determined that this incidental harvest is unavoidable and cannot be regulated with the present level of knowledge regarding these fisheries. The board will not support any significant increase in the interception rate of chum salmon taken in the South Unimak and Shumagin Islands June salmon fisheries. These stocks are probably fully utilized in existing terminal fisheries of long standing. This determination is consistent with the philosophy contained in the board's Policy For The Management of Mixed Stock Salmon Fisheries (5 AAC 39.220). The board recognizes that the conservation and allocation of nontargeted salmon stocks may be a concern during some years, but does not have the data to ensure specific corrective action at this time (January, 1990).

(f) The department shall close the June fisheries before the sockeye guideline harvest levels are taken if the incidental harvest of chum salmon reaches 700,000 fish. The department shall take

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appropriate inseason management action under AS 16.05.060 to reduce the chum salmon harvest, while attempting to allow full harvest of the sockeye salmon guideeline harvest level.

(1) - (4) repealed 6/2/88.

(g) In taking management action under (f) of this section to reduce the chum salmon harvest, the department may not set fishing periods for set gillnet gear of less than 16 hours unless a fishing period of 16 hours or more would result in a harvest that exceeds the 700,000 chum salmon maximum incidental annual harvest.

(h) After June 24, in either the South Unimak or Shumagin Islands fishery, if the sockeye salmon guideline harvest level under (b) of this section and the maximum allowable incidental harvest of chum salmon under (f) of this section have not been attained, and if the ratio of sockeye salmon to chum salmon is two to one or less on any day, the next daily fishing period for seine and drift gillnet gear shall be of six hour duration in that fishery. After June 24, the South Unimak or Shumagin Islands fishery shall close for all gear types if the ratio of sockeye salmon to chum salmon is two to one or less for any three aggregate days. It is the board's intent to demonstrate by this subsection that the maximum or less harvest of 700,000 chum salmon supersedes attempts to reach the sockeye salmon guideline harvest levels.

5 AAC 09.366. POST-JUNE SALMON MANAGEMENT PLAN FOR THE SOUTHERN ALASKA PENINSULA. (a) The department may open the following areas to salmon fishing from July 20 through September 30:

(1) the Shumagin Islands Section of the Southeastern District, excluding all waters south of a line extending from the eastern shore of Zachary Bay at 55° 22' 39" N. lat., 160° 35' 03" W. long., to a point on the western shore of Zachary Bay at 55° 22' 39" N. lat., 160° 38' 18" W. long.;

(2) the South Central District, excluding the Canoe Bay Section and all waters of the Pavlof Bay Section north of the latitude of Black Point (55° 24' 34" N. lat.);

(3) the Southwestern District, excluding the Cold Bay, Thin Point, and Morzhovoi Bay Sections, and the Unimak District.

(b) The department may open the following areas to salmon fishing from July 6 through September 30:

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(1) in the Shumagin Islands Section of the Southeastern District, all waters south of a line extending from the eastern shore of Zachary Bay at 55° 22' 39" N. lat., 160° 35' 03" W. long., to a point on the western shore of Zachary Bay at 55° 22' 39" N. lat., 160° 38' 18" W. long.;

(2) in the Pavlof Bay Section of the South Central District, all waters north of the latitude of Black Point (55° 24' 34" N. lat.);

(3) the Canoe Bay Section of the South Central District;

(4) in the Southwestern District, the Cold Bay, Thin Point, and Morzhovoi Bay Section.

ARTICLE 05. SMELT FISHERY

5 AAC 09.510. FISHING SEASON. There is no closed season on smelt.

Appendix E.2. Aleutian Islands Management Area Salmon Regulations, 1995.

CHAPTER 12. ALEUTIAN ISLANDS AREA

ARTICLE 01. DESCRIPTION OF AREA

5 AAC 12.001. APPLICATION OF THIS CHAPTER. Requirements set forth in this chapter apply to commercial fishing only, unless otherwise specified. Subsistence fishing regulations affecting commercial fishing vessels or affecting any other commercial fishing activity are set forth in the subsistence fishing regulations in 5 AAC 01 and 5 AAC 02.

5 AAC 12.100. DESCRIPTION OF AREA. (a) Except as provided in (b) of this section, the Aleutian Islands Area includes all waters of Alaska in the Aleutian Islands west of Cape Sarichef Light and west of a line extending from Scotch Cap through the easternmost tip of Ugamak Island.

(b) The Aleutian Islands Area does not include the Atka-Amlia Islands Area, described in 5 AAC 11.100.

(c) Subsection (b) of this section is repealed December 31, 1994.

ARTICLE 02. FISHING DISTRICTS AND SECTIONS

5 AAC 12.200. DESCRIPTION OF DISTRICTS AND SECTIONS. (a) Akutan District: all waters between Scotch Cap and Cape Sarichef Light and extending west to and including Akutan Pass. South of Scotch Cap, the eastern boundary of the district is a line extending from Scotch Cap through the easternmost tip of Ugamak Island.

(b) Unalaska District: all waters west of Akutan Pass to and including Umnak Pass

(1) Beaver Inlet Section: all waters between Cape Sedanka and Cape Kalekta and including Unalga Island;

(2) Unalaska Bay Section: all waters between Cape Kalekta and Cape Kovrizhka;

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(3) Makushin Bay Section: all waters between Cape Kovrizhka and Spray Cape;

(4) Kashega Bay Section: all waters between Spray Cape and Konets Head;

(5) Southern Section: all waters between Konets Head and Cape Sedanka.

(c) Umnak District: all waters west of Umnak Pass to Seguam Pass at 172° 50' W. long.

(d) Adak District: all waters west of Atka Pass at 175° 23' W. long to the terminus of the Aleutian Islands.

ARTICLE 03. SALMON FISHERY

5 AAC 12.310. FISHING SEASONS. Salmon may be taken only from July 10 through September 30, except that in the Kashega Bay Section, salmon may be taken only from June 1 through September 30.

5 AAC 12.320. WEEKLY FISHING PERIODS. Salmon may be taken

(1) June 1 through July 18: from 6:00 a.m. Monday until 6:00 p.m. Friday;

(2) from July 19 through September 30 salmon may be taken during the open season only during fishing periods established by emergency order.

5 AAC 12.330. GEAR. Salmon may be taken by purse seines, hand purse seines and beach seines.

5 AAC 12.332. SEINE SPECIFICATIONS AND OPERATION. (a) Purse seines and hand purse seines may not be less than 100 fathoms nor more than 250 fathoms in length.

(b) Beach seines may not be less than 100 fathoms in length and three fathoms in depth nor more than 250 fathoms in length and 12 fathoms in depth.

(c) No lead may be less than 25 fathoms nor more than 150 fathoms in length.

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5 AAC 12.350. CLOSED WATERS. The waters of Inner Iliulik Harbor and Margrets Bay between the Unalaska-Dutch Harbor bridge and 166° 32' W. long. are closed to the taking of salmon.

5 AAC 12.355. SALMON PROCESSOR AND BUYER REPORTING REQUIREMENTS. The operator of a floating salmon processing vessel or tender, or a shorebased processing operation, and a company employing aircraft used for transporting salmon, shall report in person, or by radio or telephone, to a local representative of the department located in the management area of intended operation before the start of processing or buying operations. The report must include the location and the date of intended operation, and identify and describe each vessel or other method of transport employed in hauling or processing salmon.

Appendix E.3. Atka-Amlia Management Area salmon regulations, 1995.

CHAPTER 11. ATKA-AMLIA ISLANDS AREA

ARTICLE 01. DESCRIPTION OF AREA

5 AAC 11.001. APPLICATION AND INTENT OF THIS CHAPTER. (a) This chapter applies to commercial fishing only, unless otherwise specified. Subsistence fishing regulations that affect commercial fishing vessels or other commercial fishing activity are set out in the subsistence fishing regulations in 5 AAC 01 and 5 AAC 02.

(c) This section is repealed December 31, 1994.

5 AAC 11.100. DESCRIPTION OF AREA. (a) The Atka-Amlia Islands Area includes all waters of Alaska between Seguam Pass (172° 50' W. long.) and Atka Pass (175° 23' W. long.).

(b) This section is repealed December 31, 1994.

ARTICLE 03. SALMON FISHERY

5 AAC 11.310. FISHING SEASONS. (a) Salmon may be taken only from August 1 through August 31.

(b) This section is repealed December 31, 1994.

5 AAC 11.320. WEEKLY FISHING PERIODS. (a) Salmon may be taken only from 6:00 a.m. to 6:00 p.m. Mondays, Wednesdays, and Fridays.

(b) This section is repealed December 31, 1994.

5 AAC 11.330. GEAR. (a) Salmon may be taken only by purse seines and set gillnets. A purse seine may be operated only by the holder of an Area M CFEC purse seine limited entry permit.

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(b) This section is repealed December 31, 1994.

5 AAC 11.331. GILLNET SPECIFICATIONS AND OPERATION. (a) The size and operation of a set gillnet are as follows:

(1) a set gillnet may not exceed 100 fathoms in length; each CFEC permit holder may operate no more than one set gillnet.

(2) a set gillnet must be operated in a substantially straight line, with no more than 25 fathoms of the offshore end set in any configuration;

(3) the mesh size of a set gillnet may not exceed five inches;

(4) the maximum depth of a set gillnet may not exceed 90 meshes;

(5) 25 fathoms of seine webbing may be used as a lead, and must be attached to the shoreward end of a set gillnet; the shoreward end of the lead or gillnet must be attached to the beach above high tide and must remain dry at all times;

(6) during hours of darkness, each set gillnet must be marked with at least one red light on the seaward end of the net.

(b) This section is repealed December 31, 1994.

5 AAC 11.332. SEINE SPECIFICATIONS AND OPERATION. (a) A purse seine must be at least 100 fathoms long, but may not exceed 250 fathoms in length.

(b) A seine lead must be at least 25 fathoms long, but may not exceed 150 fathoms in length.

(c) This section is repealed December 31, 1994.

5 AAC 11.341. VESSEL LENGTH. (a) A vessel used for setnet fishing may not exceed 29 feet in overall length.

(b) This section is repealed December 31, 1994.

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5 AAC 11.350. CLOSED WATERS. (a) The waters specified in 5 AAC 39.290 are closed to salmon fishing.

(b) This section is repealed December 31, 1994.

5 AAC 11.370. REGISTRATION. (a) Each Atka-Amlia Islands Area seine and setnet permit holder shall register himself or herself, and each vessel that the permit holder will use, by contacting a department area management biologist in Dutch Harbor, Cold Bay, Sand Point, or other place specified by the department, at least 48 hours before the season opens or before beginning commercial fishing.

(b) This section is repealed December 31, 1994.

APPENDIX F: METHOD FOR CALCULATING INDEXED TOTAL ESCAPEMENT

Appendix F.1. Method for calculating indexed total escapement.

Unusual circumstances may cause occasional deviation, but basically the methods of calculating estimated indexed total escapements without the use of a weir or tower are as follows:

Chinook, Sockeye, Coho: These species tend to have a much longer stream life than pink and chum salmon. Therefore, the indexed total escapement is usually the peak escapement count. Carcasses are included. However, it is recognized that there are problems in large systems such as Ilnik and Caribou-David's Rivers. The basic problem on large systems is the length of time, expense, and fuel needed to do a thorough survey yet meet more pressing obligations.

The Caribou and David's River complex (including Coastal and other nearby lakes) is so massive a system for the size of its runs that complete surveys will probably never by done.

At Thin Point Lagoon and Lake, a weir is used to monitor the early portion of the run. In absence of the weir, estimates of sockeye in the lagoon are added together based on estimated time in lagoon, condition, and observations of when sockeye start to move from the lagoon to the lake.

In Morzhovoi (Middle Lagoon), Bluebill, Outer Marker, and Mortensen's Lagoon systems the escapement is estimated by adding estimates of spawning sockeye, about two weeks apart, together.

Pink and Chum Salmon: An approximate 21-day stream life is used to calculate total pink and chum escapements. Fish in saltwater during the final survey are added:

EXAMPLE

Survey Date	Pink	Chum	Fish at Mouth	
July 10	5,000	0	5,000	P
July 17	25,000	0	10,000	P
August 1	100,000	0	10,000	P
August 15	150,000	0	12,000	P
			1,000	CH
September 1	150,000	5,000	2,000	CH
Estimated Total	255,000	7,000		

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The estimate of 21 days stream life was used because significant numbers of carcasses seem to appear about three weeks after adult pinks and chums first appear in Alaska Peninsula streams. It is recognized that stream life can vary, however this method is easily duplicated and is comparable from year to year. Variation in stream life is likely a much smaller factor than variation between observers.

With the exception of several small streams, there are no problems of streams being obscured by brush or trees in the Alaska Peninsula and Aleutian Islands Areas. With several exceptions, visibility of spawning grounds is outstanding during periods of normal water flow and clear weather.

APPENDIX G: FIELD PERSONNEL LIST, 1995

Appendix G.1. Field personnel list, 1995.

Employee	Title (PCN)	Duties and Location
Arnie Shaul	FB III (11-1033)	Area Management Biologist for salmon in the Aleutian Islands, western part of Alaska Peninsula Area and Port Heiden-Cinder River, Cold Bay
Jim McCullough	FB III (11-1265)	Southeastern District-Alaska Peninsula Area Salmon Management Biologist and Alaska Peninsula/Aleutian Islands Areas Herring Management Biologist, Sand Point
Bob Murphy	FB III (11-1407)	Alaska Peninsula Area Salmon Research, Herendeen Bay to Strogonof Point Management Biologist, Port Moller
Bob Berceli	FB II (11-1833)	Alaska Peninsula Area Assistant Salmon Management Biologist, Cold Bay
Rod Campbell	FB II (11-1275)	Alaska Peninsula Area Assistant Salmon and Herring Management Biologist, Sand Point
Pat Holmes	FB II (11-1273)	Finfish Biologist, Aleutians Salmon Management, Dutch Harbor
Randy Weber	Pilot I (11-1430)	Pilot and Aircraft Mechanic, Sand Point
Chris Seeley	Pilot I (11-1415)	Pilot, Chignik
Scott Moyer	Pilot I (11-1415)	Pilot, Chignik
Mark Witteveen	FB I (11-1352)	Ilnik Weir, Management Assistant
Tracy McKinion	FB I (11-1433)	Port Moller, Salmon Research
Steve Krueger	FB I (11-1911)	Sapsuk River Weir

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Employee	Title (PCN)	Duties and Location
Judy Brandt	FB I (11-1434)	Sandy Lake Weir, Thin Point Weir
Matt Ford	FB I (11-1411)	Orzinski Lake Weir, Canoe Bay herring
Bob Sanderlin	FB I (11-1844)	King Cove, Salmon Research, Canoe Bay herring and salmon
Judy Hamik	FT III (11-1849)	Sand Point, Salmon Management
Brian Westgate	FT III (11-1966)	Sapsuk River Weir, South Unimak fishery monitor, Thin Point Cove Weir
Dan Connolly	FT III (11-1416)	Sapsuk River Weir
Tim Clark	FT III (11-1826)	Bear Lake Weir
Rick Gustin	FT III (11-1819)	South Unimak test fishing, Middle Lagoon Weir
Andy DeValpine	FT III (11-1776)	King Cove Salmon Research, Canoe Bay herring and salmon
Travis Doubt	FT III (11-1410)	Middle Lagoon
Mark Wallace	FT III (11-1957)	Orzinski Weir, Middle Lagoon Weir, Canoe Bay salmon
Duane Kracke	FT II (11-1521)	Sandy River Weir, Thin Point Weir
Alex Rice	FT II (11-1467)	Ilnik Weir
Meesha Mangiaracina	FT II (11-1953)	Port Moller, Salmon Research
Eric Gill	FT II (11-1959)	Bear River Weir
Dylan Avery	FT I (11-1479)	Canoe Bay salmon, Orzinski Weir
Keith Tersteggie	FT I (11-1952)	Middle Lagoon Weir

APPENDIX H: DISTRIBUTION LIST OF 1995 ANNUAL MANAGEMENT REPORT

Appendix H.1. Distribution List, 1994.

Person/Organization	Location
Bob Clasby, Director (CFMDD)	Anchorage
Paul Larson, Deputy Director CFMDD	Juneau
Doug Eggers, Chief Fisheries Scientist CFMDD	Juneau
Kevin Duffy, Salmon Rehab and Enhance Coordinator	Juneau
Gary Sanders, Sport Fish Division	Juneau
Wayne Dolezal, Habitat Division	Anchorage
ADF&G Library (2 copies)	Anchorage
Beverly Cross, Central Region Research	Anchorage
John Hilsinger, Central Regional Supervisor	Anchorage
Tom Kron, AYK Regional Supervisor	Anchorage
Dennis Haanpaa, Central Region Finfish Supervisor	Anchorage
Pete Probasco, Westward Regional Supervisor	Kodiak
Wayne Donaldson, Westward Region Finfish Supervisor	Kodiak
Charlie Swanton, Salmon Research Biologist	Kodiak
Pat Holmes CFMDD	Kodiak
Dave Prokopowich CFMDD	Kodiak
Robert Murphy CFMDD	Port Moller
Arnie Shaul CFMDD	Cold Bay
Bob Berceli CFMDD	Cold Bay
Rod Campbell CFMDD	Sand Point
Jim Cofske CFMDD	Sand Point
Jim McCullough CFMDD	Kodiak
Patti Nelson/Lew Coggins CFMDD	Kodiak
Dave Owen CFMDD	Chignik
CFMDD	King Salmon
CFMDD	Dillingham
CFMDD	Bethel
CFMDD	Nome
Rance Morrison CFMDD	Dutch Harbor
Len Schwarz, Sport Fish Division	Kodiak

US Fish and Wildlife Service
PO Box 127
Cold Bay, AK 99571

US Fish and Wildlife Service
King Salmon FAO
P.O. Box 277
King Salmon, AK 99613

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Person/Organization

Concerned Area M Fishermen
2826 Queens Way
Milton, WA 98354

Crusader Fisheries
A Division of Norquest
4225 23rd Ave. West
Seattle, WA 98199

Chris Armen
Trident Seafoods, Inc.
P.O. Box 229
Sand Point, Ak. 99661

Sterling, Johnson, Schwarzmiller
Peter Pan Seafoods, Inc.
2200 Sixth Ave. Suite 1000
Seattle, WA 98121-1820

Dave McIntire
Icicle Seafoods
4019 21st Ave. West
Seattle, WA 98199

Denby Lloyd
Aleutians East Borough
1600 A Street Suite 103
Anchorage, AK 99501

Peninsula Marketing Association
PO Box 248
Sand Point, AK 99661

Chuck McCallum
614 Irving St.
Bellingham, WA 98225

Mike Stanley
Concerned Area M Fishermen
P.O. Box 20449
Juneau, Ak 99801

Beth Stewart
P.O. Box 33796
Juneau, Ak 99803

Dean Paddock
P.O. Box 21951
Juneau, Ak 99802

Stepovak-Shumagin Set Net Association
Richard Eastlick
P.O. Box 30
Sand Point, AK 99661

Lance Nelson
Attorney Generals Office
1031 West 4th Avenue Suite 200
Anchorage, AK 99501

Dr. Don Rogers
Fisheries Research Institute
School of Fisheries WH-10
University of Washington
Seattle, WA 98195

E.F. Melvin
Washington Sea Grant
Marine Advisory Program
19 Harbor Mall
Bellingham, WA 98225

-Continued-

Person/Organization

David Osterback
Sand Point Advisory Committee
PO Box 144
Sand Point, AK 99661

Grant Newton
King Cove Advisory Committee
PO Box 51
King Cove, Ak 99612

Paul Gundersen, Jr.
Nelson Lagoon Advisory Committee
General Delivery
Nelson Lagoon, Ak 99571
via: Cold Bay, AK

Tom Hoblet
False Pass Advisory Committee
General Delivery
False Pass, AK 99583

Sinclair Wilt
Dutch Harbor Advisory Committee
Alyeska Seafoods, Inc.
PO Box 275
Unalaska, Ak 99685

Atka Fishermen's Association
General Delivery
Atka, Ak 99547

Fisheries Economic Development Commission
Bristol Bay Borough
P.O. Box 189
Naknek, AK 99633

Greg Bos
Office of Subsistence Management
U.S. Fish and Wildlife Service
1011 East Tudor Road
Anchorage, AK 99503